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```
=> fil reg; d stat que l6; fil capl uspatf; s l6
FILE 'REGISTRY' ENTERED AT 15:08:46 ON 22 JAN 2004
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STRUCTURE FILE UPDATES:   21 JAN 2004  HIGHEST RN 640234-51-1
DICTIONARY FILE UPDATES:  21 JAN 2004  HIGHEST RN 640234-51-1

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

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Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
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http://www.cas.org/ONLINE/DBSS/registryss.html

L2                STR
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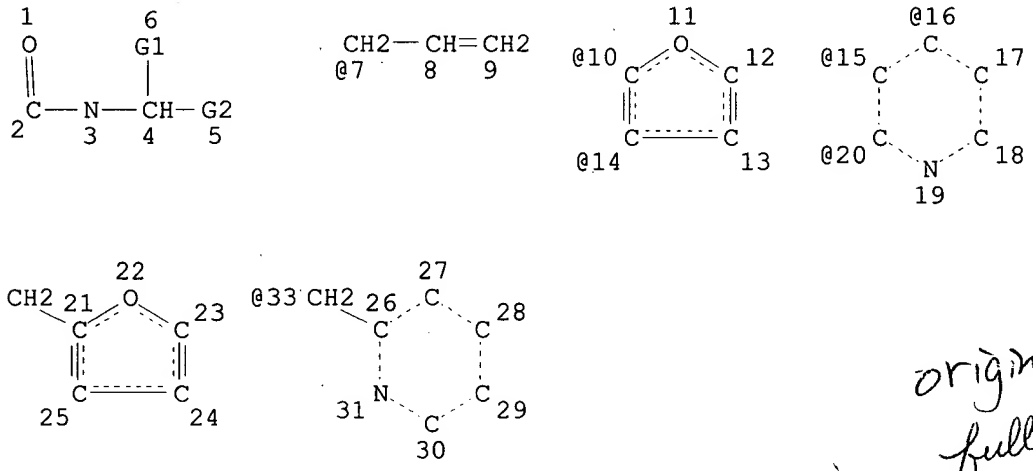

original full file search

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VAR G2=10/20/32/33/15/16/14
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CONNECT IS E3  RC AT   3
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  33

STEREO ATTRIBUTES: NONE
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L4              STR
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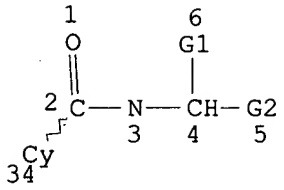

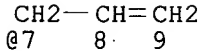

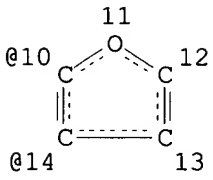

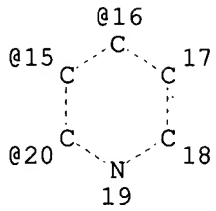

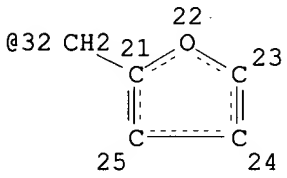

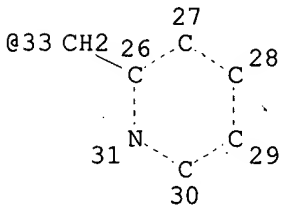

subset search done on this structure

VAR G1=ME/I-PR/7
VAR G2=10/20/32/33/15/16/14
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CONNECT IS E3 RC AT 2
CONNECT IS E3 RC AT 3
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 34

STEREO ATTRIBUTES: NONE
L6 76 SEA FILE=REGISTRY SUB=L3 SSS FUL L4

100.0% PROCESSED 366 ITERATIONS 76 ANSWERS
SEARCH TIME: 00.00.01

FILE 'CAPLUS' ENTERED AT 15:08:46 ON 22 JAN 2004
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FILE 'USPATFULL' ENTERED AT 15:08:46 ON 22 JAN 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

L7 25 L6

=> dup rem l7
PROCESSING COMPLETED FOR L7
L8 23 DUP REM L7 (2 DUPLICATES REMOVED)
ANSWERS '1-14' FROM FILE CAPLUS
ANSWERS '15-23' FROM FILE USPATFULL

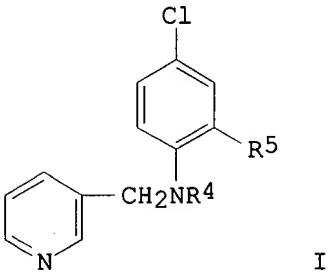
=> d ibib abs hitstr 1-23; fil cao; s l6

L8 ANSWER 1 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1
ACCESSION NUMBER: 1985:437372 CAPLUS
DOCUMENT NUMBER: 103:37372
TITLE: N,N-Disubstituted carboxamide derivatives and their

fungicidal use
INVENTOR(S): Krumkalns, Eriks V.
PATENT ASSIGNEE(S): Eli Lilly and Co., USA
SOURCE: U.S., 21 pp. Cont.-in-part of U.S. Ser. No. 332,022, abandoned.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4501746	A	19850226	US 1982-418331	19820915
PRIORITY APPLN. INFO.:			US 1981-332022	19811218

OTHER SOURCE(S): CASREACT 103:37372
GI

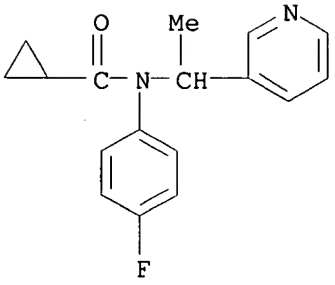


I

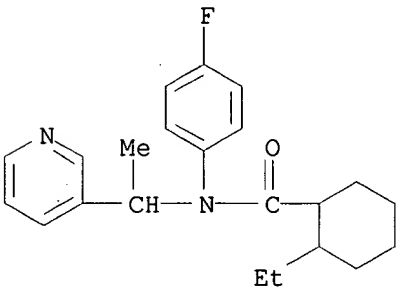
AB Herbicides, fungicides, algicides, and aquatic plant growth regulators, carboxamides R(CH2)nCHR1N[C(X)R2](CH2)n1R3 [R, R3 = 3-pyridyl, 4-pyridyl, alkyl, alkenyl, (un)substituted cycloalkyl, Ph, 4-benzodioxolyl; R1 = H, alkyl; R2 = (O- or S-interrupted) alkyl, branched alkyl, cycloalkyl; X = O, S; n, n1 = 0, 1] were prepd. Thus, 4-ClC6H4NH2 reacted with 3-pyridinecarboxaldehyde to give the imine which was reduced with NaBH4 to form the (pyridylmethyl)amine I (R4 = R5 = H). I (R4 = R5 = H) was treated with BuSCH2CO2H and N,N'-dicyclohexylcarbodiimide to give I (R4 = COCH2SBu; R5 = H). At 6 ppm on bean plants, I (R4 = CMe3, R5 = Cl) gave complete control of powdery mildew (Erysiphe polygoni) with no phytotoxicity to the bean plants.

IT **97247-54-6P 97247-55-7P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn., fungicidal, herbicidal, and plant growth regulating activity of)

RN 97247-54-6 CAPLUS
CN Cyclopropanecarboxamide, N-(4-fluorophenyl)-N-[1-(3-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)



RN 97247-55-7 CAPLUS
CN Cyclohexanecarboxamide, 2-ethyl-N-(4-fluorophenyl)-N-[1-(3-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)



L8) ANSWER 2 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 2
ACCESSION NUMBER: 1981:442932 CAPLUS
DOCUMENT NUMBER: 95:42932
TITLE: 2-Aminoalkyl-5-pyridinols
INVENTOR(S): Mizzoni, Renat H.
PATENT ASSIGNEE(S): Ciba-Geigy Corp. , USA
SOURCE: U.S., 9 pp. Cont.-in-part of U.S. Ser. No. 35,668, abandoned.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

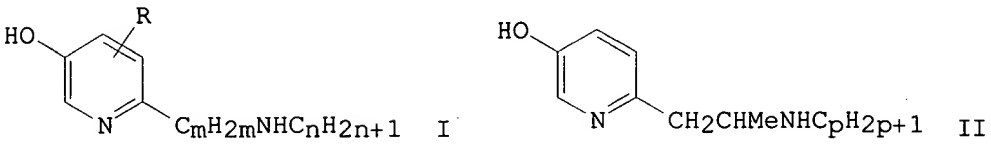
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4260619	A	19810407	US 1980-122463	19800219
ZA 8001969	A	19811125	ZA 1980-1969	19800402
CA 1135269	A1	19821109	CA 1980-349091	19800402
FI 8001411	A	19801104	FI 1980-1411	19800430
FI 70212	B	19860228		
FI 70212	C	19860912		
NO 8001267	A	19801104	NO 1980-1267	19800430
NO 154130	B	19860414		
NO 154130	C	19860723		
EP 19739	A1	19801210	EP 1980-102347	19800430
EP 19739	B1	19840718		
R: AT, BE, CH, DE, FR, IT, LU, NL, SE				
ES 491055	A1	19810401	ES 1980-491055	19800430
HU 23615	O	19820928	HU 1980-1080	19800430
HU 181115	B	19830628		
AT 8501	E	19840815	AT 1980-102347	19800430

DK 8001931	A	19801104	DK 1980-1931	19800501
DK 157540	B	19900122		
DK 157540	C	19900611		
IL 59978	A1	19840330	IL 1980-59978	19800501
GB 2050360	A	19810107	GB 1980-14663	19800502
GB 2050360	B2	19830302		
DD 150461	C	19810902	DD 1980-220844	19800502

PRIORITY APPLN. INFO.: US 1979-35668 19790503
EP 1980-102347 19800430

OTHER SOURCE(S): CASREACT 95:42932

GI

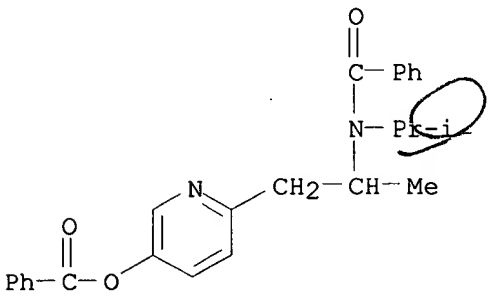


AB Pyridinols I (R = H, Me; m = 2-4; n = 1-7) and II (p = 3-6; CpH2p.+-.1 = Me2CH, tert-Bu, allyl, cyclopropyl), antiischemic and antihypertensive agents (no data), were prepd. Thus, 2-methyl-5-pyridinol treated sequentially with BuLi and Me2CHN:CHMe gave II (CpH2p.+-.1 = Me2CH), isolated as 2 HCl.

IT **78152-48-4**
RL: RCT (Reactant); RACT (Reactant or reagent)
(debenzylation of)

RN 78152-48-4 CAPLUS

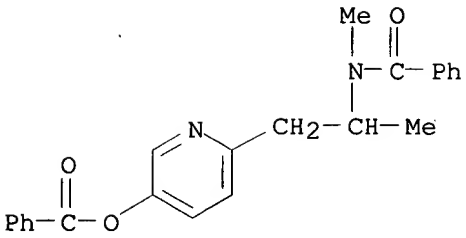
CN Benzamide, N-[2-[5-(benzoyloxy)-2-pyridinyl]-1-methylethyl]-N-(1-methylethyl)- (9CI) (CA INDEX NAME)



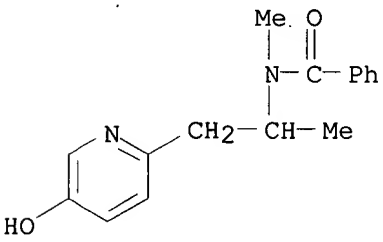
IT **78152-45-1P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and debenzylation of)

RN 78152-45-1 CAPLUS

CN Benzamide, N-[2-[5-(benzoyloxy)-2-pyridinyl]-1-methylethyl]-N-methyl- (9CI) (CA INDEX NAME)



IT **78152-47-3P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 78152-47-3 CAPLUS
CN Benzamide, N-[2-(5-hydroxy-2-pyridinyl)-1-methylethyl]-N-methyl- (9CI)
(CA INDEX NAME)



L8 ANSWER 3 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2003:875253 CAPLUS
DOCUMENT NUMBER: 139:350641
TITLE: Preparation of pyridine compounds as herbicides
INVENTOR(S): Koyanagi, Toru; Kikugawa, Hiroshi; Miyashita, Seiko; Nagayama, Souichiro; Sano, Makiko; Hisamatsu, Akihiro
PATENT ASSIGNEE(S): Ishihara Sangyo Kaisha, Ltd., Japan
SOURCE: PCT Int. Appl., 109 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003091217	A1	20031106	WO 2003-JP5284	20030424
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
JP 2004002394	A2	20040108	JP 2003-114073	20030418

PRIORITY APPLN. INFO.: JP 2002-125603 A 20020426
OTHER SOURCE(S): CASREACT 139:350641; MARPAT 139:350641
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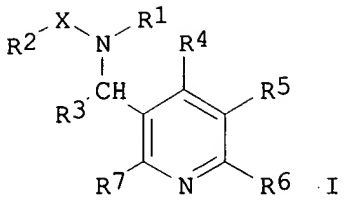
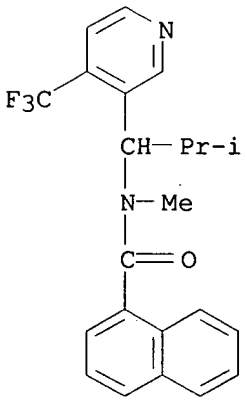


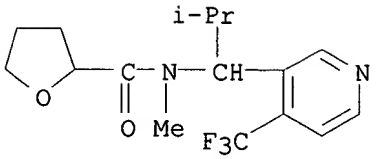
AB Pyridine compds. I (wherein R1 is hydrogen or optionally substituted alkyl; R2 is optionally substituted alkyl, optionally substituted alkenyl, optionally substituted alkynyl, optionally substituted cycloalkyl, or the like; R3 is optionally substituted alkyl or the like; R4 is hydrogen, alkyl, haloalkyl, halogeno, -OR8, or -SR8; R5, R6 and R7 are each hydrogen, halogeno, or alkyl; R8 is optionally substituted alkyl, optionally substituted alkenyl, optionally substituted alkynyl, or optionally substituted cycloalkyl; and X is CO, CS, or SO2) and their salts, useful as herbicides, are prepd. Thus, reaction of 1-methylamino-2-methyl-1-(4-trifluoromethylpyridin-3-yl)propane with phenylacetyl chloride in MeCN in the presence of K2CO3 at room temp. for 14 h gave 54% N-methyl-N-[2-methyl-1-(4-trifluoromethylpyridin-3-yl)propyl]phenylacetamide (II). II showed herbicidal activity against Setaria viridis at 1000 g/ha.

IT **619316-53-9P 619317-08-7P 619317-93-0P 619318-01-3P 619318-08-0P**
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of pyridine compds. as herbicides)

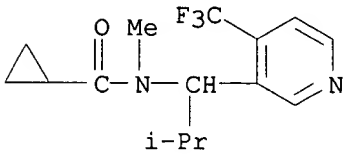
RN 619316-53-9 CAPLUS
CN 1-Naphthalenecarboxamide, N-methyl-N-[2-methyl-1-[4-(trifluoromethyl)-3-pyridinyl]propyl]- (9CI) (CA INDEX NAME)



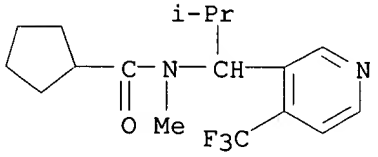
RN 619317-08-7 CAPLUS
CN 2-Furancarboxamide, tetrahydro-N-methyl-N-[2-methyl-1-[4-(trifluoromethyl)-3-pyridinyl]propyl]- (9CI) (CA INDEX NAME)



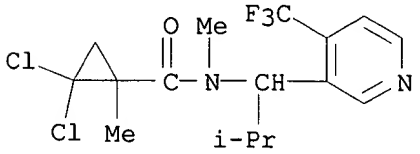
RN 619317-93-0 CAPLUS
CN Cyclopropanecarboxamide, N-methyl-N-[2-methyl-1-[4-(trifluoromethyl)-3-pyridinyl]propyl]- (9CI) (CA INDEX NAME)



RN 619318-01-3 CAPLUS
CN Cyclopentanecarboxamide, N-methyl-N-[2-methyl-1-[4-(trifluoromethyl)-3-pyridinyl]propyl]- (9CI) (CA INDEX NAME)



RN 619318-08-0 CAPLUS
CN Cyclopropanecarboxamide, 2,2-dichloro-N,1-dimethyl-N-[2-methyl-1-[4-(trifluoromethyl)-3-pyridinyl]propyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 4 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2002:256262 CAPLUS
DOCUMENT NUMBER: 136:294842
TITLE: Synthesis and use of tetrahydropyridazino[4,5-b]quinoline-diones and their use for the treatment of pain
INVENTOR(S): Brown, Dean Gordon; Urbanek, Rebecca Ann; Murphy, Megan; Xiao, Wenhua; McLaren, Frances Marie; Vacek, Edward; Bare, Thomas; Horchler, Carey Lynn; Barlaam, Christine; Steelman, Gary Banks; Alford, Vernon
PATENT ASSIGNEE(S): AstraZeneca AB, Swed.
SOURCE: PCT Int. Appl., 39 pp.

Searched by Barb O'Bryen, STIC 308-4291

CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002026741	A1	20020404	WO 2001-SE2126	20010928
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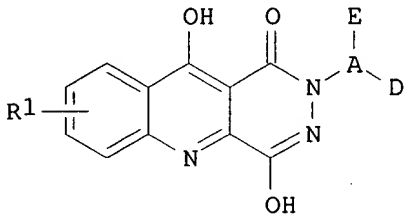
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2001092500	A5	20020408	AU 2001-92500	20010928
EP 1325004	A1	20030709	EP 2001-972862	20010928
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				

PRIORITY APPLN. INFO.: US 2000-236753P P 20000929
WO 2001-SE2126 W 20010928

OTHER SOURCE(S): MARPAT 136:294842
GI



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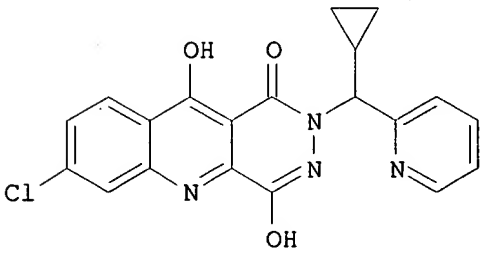
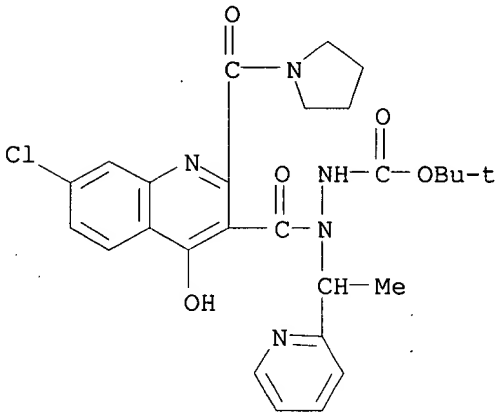


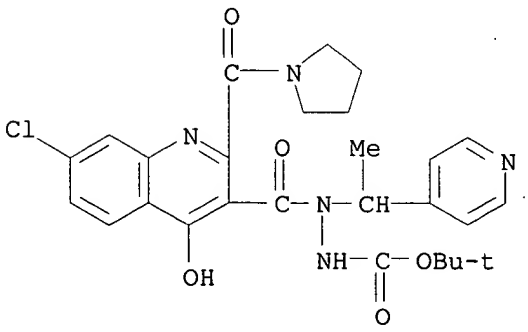
II

AB Title compds. I [R1 = halo; A = CH; E = alkyl, Ph, cycloalkyl; D = pyridyl, N-oxide of pyridyl] were prepd. Six synthetic examples were provided. For instance, tert-butylcarbazate was condensed with (cyclopropyl)(pyridin-2-yl)ketone, the product reduced and condensed with 7-Chloro-4-hydroxy-2-(pyrrolidinylcarbonyl)quinoline-3-carboxylic acid (prepn. given). The resulting amide was treated with methanesulfonic acid resulting in the formation of II. Example compds. gave a range of Ki = 228 nM to >10 .mu.M for the NMDA glycine receptor; II had Ki = 996 nM. I are useful for the treatment of pain.

IT **406933-25-3P 406933-29-7P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intermediate; synthesis and use of tetrahydropyridazino[4,5-b]quinoline-diones and use for treatment of pain)
RN 406933-25-3 CAPLUS
CN 3-Quinolinecarboxylic acid, 7-chloro-4-hydroxy-2-(1-pyrrolidinylcarbonyl)-, 2-[(1,1-dimethylethoxy)carbonyl]-1-[1-(2-pyridinyl)ethyl]hydrazide (9CI) (CA INDEX NAME)



RN 406933-29-7 CAPLUS
CN 3-Quinolinecarboxylic acid, 7-chloro-4-hydroxy-2-(1-pyrrolidinylcarbonyl)-, 2-[(1,1-dimethylethoxy)carbonyl]-1-[1-(4-pyridinyl)ethyl]hydrazide (9CI) (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 5 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2002:256261 CAPLUS
DOCUMENT NUMBER: 136:294841
TITLE: Synthesis of a substituted tetrahydropyridazino[4,5-b]quinoline-dione and the use thereof for the treatment of pain
INVENTOR(S): Brown, Dean Gordon; Urbanek, Rebecca Ann; Murphy, Megan; Xiao, Wenhua; McLaren, Frances Marie; Vacek, Edward; Bare, Thomas; Horchler, Carey Lynn; Barlaam, Christine; Steelman, Gary Banks; Alford, Vernon
PATENT ASSIGNEE(S): AstraZeneca AB, Swed.
SOURCE: PCT Int. Appl., 32 pp.

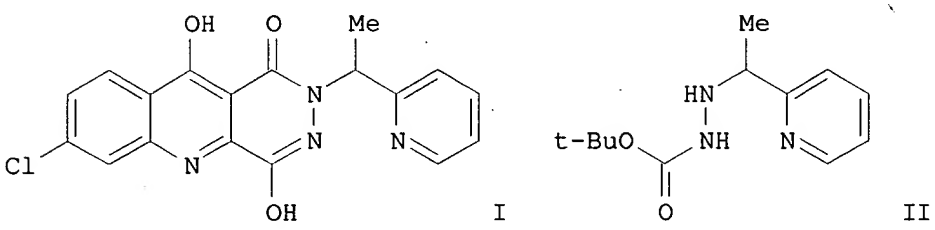
Searched by Barb O'Bryen, STIC 308-4291

CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002026740	A1	20020404	WO 2001-SE2125	20010928
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2001092499	A5	20020408	AU 2001-92499	20010928
EP 1325003	A1	20030709	EP 2001-972861	20010928
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				

PRIORITY APPLN. INFO.: US 2000-236630P P 20000929
WO 2001-SE2125 W 20010928

GI

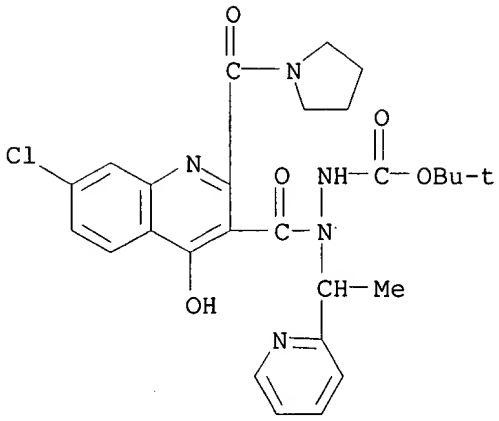


AB Compd. I and enantiomers thereof are disclosed. Examples include synthesis of I, anionic and cationic salts thereof and bioassays including binding data for the NMDA glycine site. For instance, tert-butylcarbazate is condensed with 2-acetylpyridine, the product reduced to give II and the enantiomers sepd. (abs. configuration based on comparison to a literature intermediate). (-)-II was coupled to 7-chloro-4-hydroxy-2-(pyrrolidinylcarbonyl)quinoline-3-carboxylic acid (prepn. given) and the product treated with methanesulfonic acid to give (-)-I (III) isolated as the methanesulfonate salt. III had Ki = 194 nM for the NMDA glycine site while (+)-I had Ki = 3400 nM in the same assay. III is useful in the treatment of pain.

IT **406933-25-3P 406933-79-7P 406933-80-0P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intermediate; synthesis of a substituted tetrahydropyridazino[4,5-b]quinoline-dione and use thereof for treatment of pain)

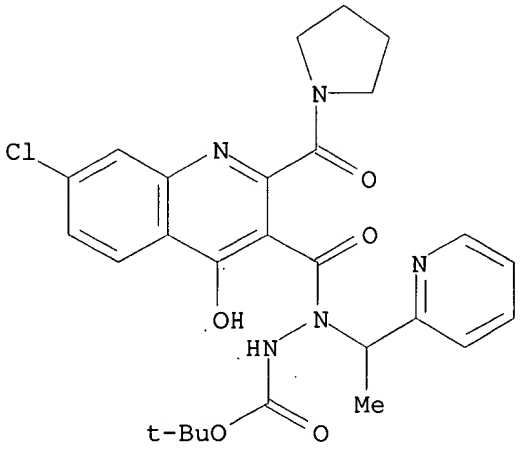
RN 406933-25-3 CAPLUS

CN 3-Quinolinecarboxylic acid, 7-chloro-4-hydroxy-2-(1-pyrrolidinylcarbonyl)-, 2-[(1,1-dimethylethoxy)carbonyl]-1-[1-(2-pyridinyl)ethyl]hydrazide (9CI) (CA INDEX NAME)



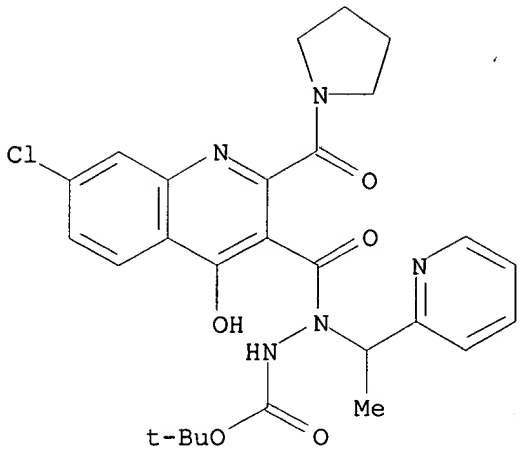
RN 406933-79-7 CAPLUS
CN 3-Quinolinecarboxylic acid, 7-chloro-4-hydroxy-2-(1-pyrrolidinylcarbonyl)-, 2-[(1,1-dimethylethoxy)carbonyl]-1-[1-(2-pyridinyl)ethyl]hydrazide, (-)-(9CI) (CA INDEX NAME)

Rotation (-).



RN 406933-80-0 CAPLUS
CN 3-Quinolinecarboxylic acid, 7-chloro-4-hydroxy-2-(1-pyrrolidinylcarbonyl)-, 2-[(1,1-dimethylethoxy)carbonyl]-1-[1-(2-pyridinyl)ethyl]hydrazide, (+)-(9CI) (CA INDEX NAME)

Rotation (+).



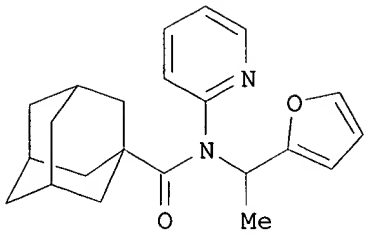
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 6 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2001:617997 CAPLUS
DOCUMENT NUMBER: 135:180707
TITLE: Preparation of N-pyridyl(or phenyl) 1-adamantanecarboxamides as LXR modulators
INVENTOR(S): Li, Leping; Medina, Julio Cesar; Shan, Bei
PATENT ASSIGNEE(S): Tularik Inc., USA
SOURCE: PCT Int. Appl., 39 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001060818	A1	20010823	WO 2000-US3806	20000214

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: WO 2000-US3806 20000214
OTHER SOURCE(S): MARPAT 135:180707
GI



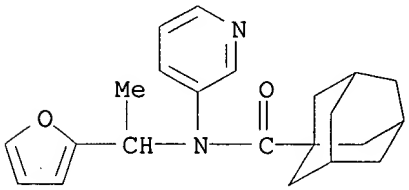
II

AB The title compds. ACONR1R2 [I; A = (hetero)alkyl; R1 = alkyl, aryl, arylalkyl, etc.; R2 = (hetero)aryl, (hetero)arylalkyl, etc.; NR1R2 = 5-8 membered ring], useful as diagnostic indicators of LXR.alpha. function, and in the treatment of disease states assocd. with cholesterol metab., particularly atherosclerosis and hypercholesterolemia, were prepd. Thus, treating 1-(2-furyl)ethanol with LDA in THF followed by addn. of MeSO3H, reacting the mesylate with 2-aminopyridine, and then amidation of the resulting [1-(furan-2-yl)ethyl](pyridin-2-yl)amine with 1-adamantanecarbonyl chloride afforded the carboxamide II. Biol. data for compds. I was given.

IT **301357-13-1P 332119-57-0P 355833-66-8P**
355833-67-9P 355833-68-0P 355833-69-1P
355833-70-4P 355833-71-5P 355833-72-6P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of N-pyridyl(or phenyl) 1-adamantanecarboxamides as LXR modulators)

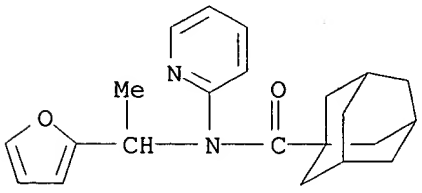
RN 301357-13-1 CAPLUS

CN Tricyclo[3.3.1.13,7]decane-1-carboxamide, N-[1-(2-furanyl)ethyl]-N-3-pyridinyl- (9CI) (CA INDEX NAME)



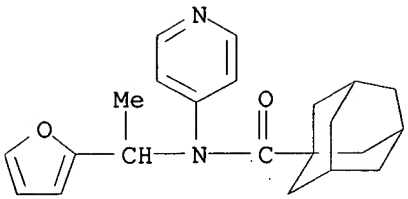
RN 332119-57-0 CAPLUS

CN Tricyclo[3.3.1.13,7]decane-1-carboxamide, N-[1-(2-furanyl)ethyl]-N-2-pyridinyl- (9CI) (CA INDEX NAME)

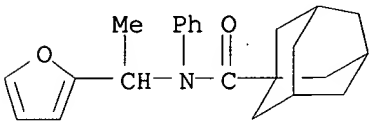


RN 355833-66-8 CAPLUS

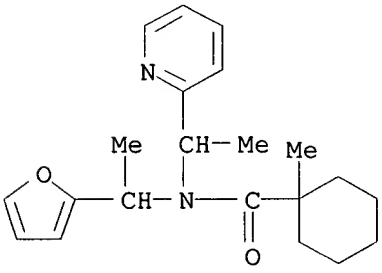
CN Tricyclo[3.3.1.13,7]decane-1-carboxamide, N-[1-(2-furanyl)ethyl]-N-4-pyridinyl- (9CI) (CA INDEX NAME)



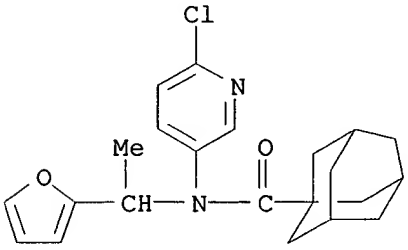
RN 355833-67-9 CAPLUS
CN Tricyclo[3.3.1.13,7]decane-1-carboxamide, N-[1-(2-furanyl)ethyl]-N-phenyl- (9CI) (CA INDEX NAME)



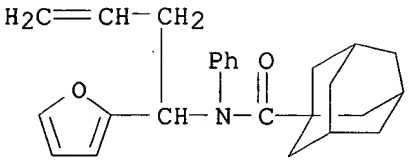
RN 355833-68-0 CAPLUS
CN Cyclohexanecarboxamide, N-[1-(2-furanyl)ethyl]-1-methyl-N-[1-(2-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)



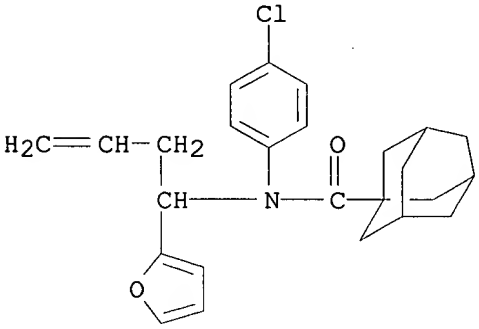
RN 355833-69-1 CAPLUS
CN Tricyclo[3.3.1.13,7]decane-1-carboxamide, N-(6-chloro-3-pyridinyl)-N-[1-(2-furanyl)ethyl]- (9CI) (CA INDEX NAME)



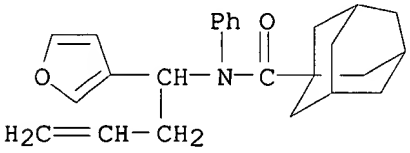
RN 355833-70-4 CAPLUS
CN Tricyclo[3.3.1.13,7]decane-1-carboxamide, N-[1-(2-furanyl)-3-butenyl]-N-phenyl- (9CI) (CA INDEX NAME)



RN 355833-71-5 CAPLUS
CN Tricyclo[3.3.1.13,7]decane-1-carboxamide, N-(4-chlorophenyl)-N-[1-(2-furanyl)-3-butenyl]- (9CI) (CA INDEX NAME)



RN 355833-72-6 CAPLUS
CN Tricyclo[3.3.1.13,7]decane-1-carboxamide, N-[1-(3-furanyl)-3-butenyl]-N-phenyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 7 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2001:489233 CAPLUS
DOCUMENT NUMBER: 135:92640
TITLE: Preparation of 1,2,5,10-tetrahydropyridazino[4,5-b]quinoline-1,10-diones for the treatment of pain
INVENTOR(S): Brown, Dean Gordon; Bare, Thomas Michael; Murphy, Megan; Urbanek, Rebecca Ann; Xiao, Wenhua; McLaren, Frances Marie; Horchler, Carey Lynn
PATENT ASSIGNEE(S): Astrazeneca AB, Swed.
SOURCE: PCT Int. Appl., 40 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 7
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001047524	A1	20010705	WO 2000-SE2608	20001219

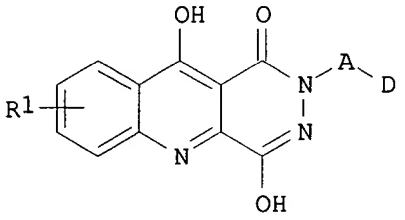
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

EP 1244453	A1	20021002	EP 2000-987933	20001219
JP 2003518500	T2	20030610	JP 2001-548118	20001219
US 2003153571	A1	20030814	US 2002-168757	20021217

PRIORITY APPLN. INFO.: US 1999-171906P P 19991223
US 2000-236785P P 20000929
WO 2000-SE2608 W 20001219

OTHER SOURCE(S): MARPAT 135:92640

GI



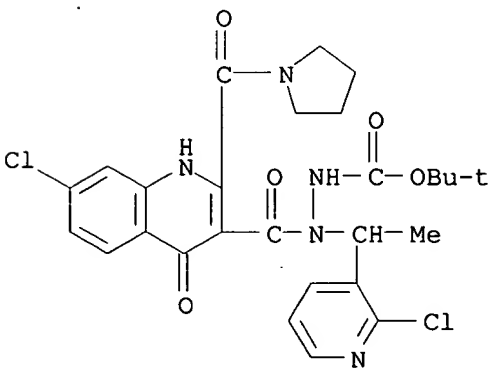
I

AB The title compds. [I; R1 = halo; A = CHR2(CH2)n (n = 0-2); R2 = alkyl; D = (un)substituted 5-6 membered heteroaryl or its benz-deriv. having 1-3 ring atoms selected from N, O or S], useful for the treatment of pain, were prepd. E.g., a multi-step synthesis of I.MeSO3H [R1 = 7-Cl; A = CHMe; D = 3-pyridyl] which showed Ki of 272 nM against binding to NMDA receptor glycine site, was given.

IT **349112-16-9**
RL: RCT (Reactant); RACT (Reactant or reagent)
(prepn. of 1,2,5,10-tetrahydropyridazino[4,5-b]quinoline-1,10-diones for the treatment of pain)

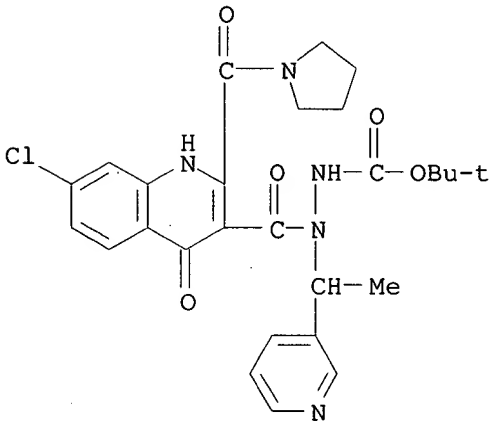
RN 349112-16-9 CAPLUS

CN 3-Quinolinecarboxylic acid, 7-chloro-1,4-dihydro-4-oxo-2-(1-pyrrolidinylcarbonyl)-, 1-[1-(2-chloro-3-pyridinyl)ethyl]-2-[(1,1-dimethylethoxy)carbonyl]hydrazide (9CI) (CA INDEX NAME)

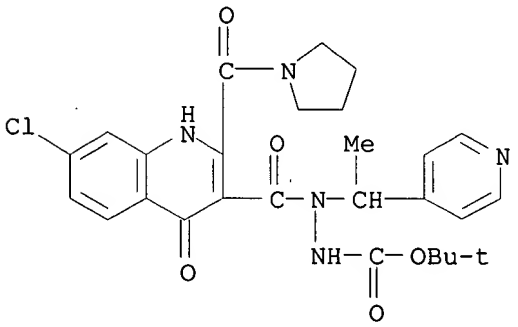


IT **349112-00-1P 349112-02-3P 349112-15-8P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of 1,2,5,10-tetrahydropyridazino[4,5-b]quinoline-1,10-diones for the treatment of pain)

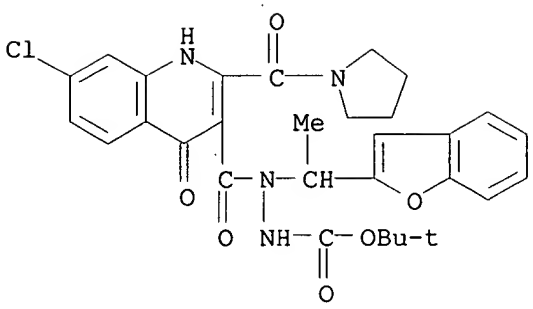
RN 349112-00-1 CAPLUS
CN 3-Quinolinecarboxylic acid, 7-chloro-1,4-dihydro-4-oxo-2-(1-pyrrolidinylcarbonyl)-, 2-[(1,1-dimethylethoxy)carbonyl]-1-[1-(3-pyridinyl)ethyl]hydrazide (9CI) (CA INDEX NAME)



RN 349112-02-3 CAPLUS
CN 3-Quinolinecarboxylic acid, 7-chloro-1,4-dihydro-4-oxo-2-(1-pyrrolidinylcarbonyl)-, 2-[(1,1-dimethylethoxy)carbonyl]-1-[1-(4-pyridinyl)ethyl]hydrazide (9CI) (CA INDEX NAME)



RN 349112-15-8 CAPLUS
CN 3-Quinolinecarboxylic acid, 7-chloro-1,4-dihydro-4-oxo-2-(1-pyrrolidinylcarbonyl)-, 1-[1-(2-benzofuranyl)ethyl]-2-[(1,1-dimethylethoxy)carbonyl]hydrazide (9CI) (CA INDEX NAME)

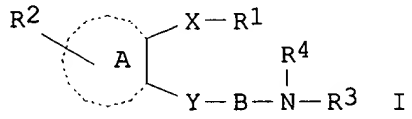


REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

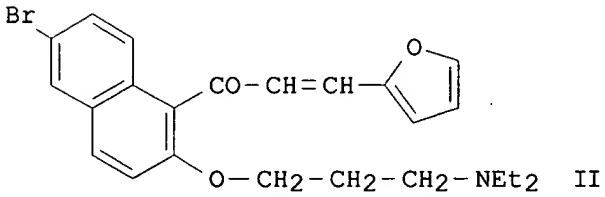
L8 ANSWER 8 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2000:654406 CAPLUS
DOCUMENT NUMBER: 133:222577
TITLE: Preparation of aminoalkoxyacetophenone, 1-alkenoyl-2-aminoalkoxybenzene derivatives and analogs for the treatment of inflammation and osteoporosis
INVENTOR(S): Ohara, Takashi; Shimano, Masanao; Nagahara, Michiko; Ichikawa, Kiyonoshin; Awa, Takao; Nogimori, Katsumi
PATENT ASSIGNEE(S): Kaken Pharmaceutical Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 24 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000256286	A2	20000919	JP 1999-65636	19990311

PRIORITY APPLN. INFO.: JP 1999-65636 19990311
OTHER SOURCE(S): MARPAT 133:222577
GI



I



II

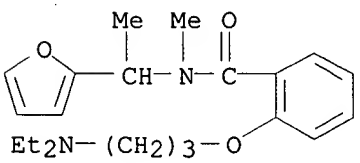
AB The title compds. I [ring A = arom. ring, etc.; R1 = H, alkyl, etc.; R2 = H, halo, etc.; B = (un)substituted alkylene, etc.; R3, R4 = H, (un)substituted alkyl, etc.; X = carbonyl, etc.; Y = O, etc.] are prepd. An in vitro assay using macrophages treated with LPS was performed: in the presence of the title compd. II at 10-6 M, the amt. of interleukin 6

secreted was 15415.+-.1360 pg, vs. 23474.+-.2404 pg in controls. Formulations are given.

IT **292155-68-1P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of aminoalkoxyacetophenone and 1-alkenoyl-2-aminoalkoxybenzene derivs. for treatment of inflammation and osteoporosis)

RN 292155-68-1 CAPLUS

CN Benzamide, 2-[3-(diethylamino)propoxy]-N-[1-(2-furanyl)ethyl]-N-methyl- (9CI) (CA INDEX NAME)



L8 ANSWER 9 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1995:926097 CAPLUS

DOCUMENT NUMBER: 123:340182

TITLE: Preparation of hydroxamic acid derivative for inhibiting proliferation of smooth muscle cells and medicinal preparation containing the same

INVENTOR(S): Isozaki, Masashi; Kasukawa, Hiroaki; Nakazawa, Keiichi; Houki, Keiko

PATENT ASSIGNEE(S): Terumo K K, Japan

SOURCE: PCT Int. Appl., 34 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

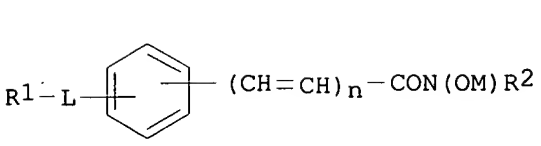
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9513264	A1	19950518	WO 1994-JP1870	19941104
W: US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
JP 07278086	A2	19951024	JP 1994-251094	19941017

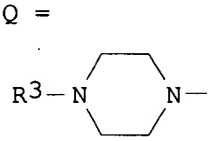
PRIORITY APPLN. INFO.: JP 1993-278168 19931108
JP 1994-22475 19940221

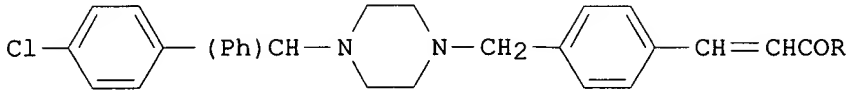
OTHER SOURCE(S): MARPAT 123:340182

GI

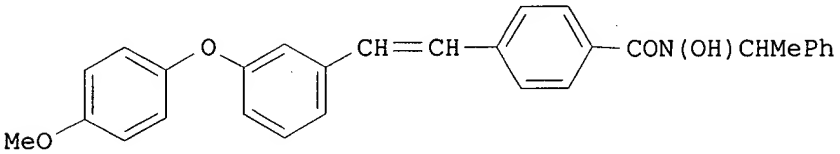


I





II



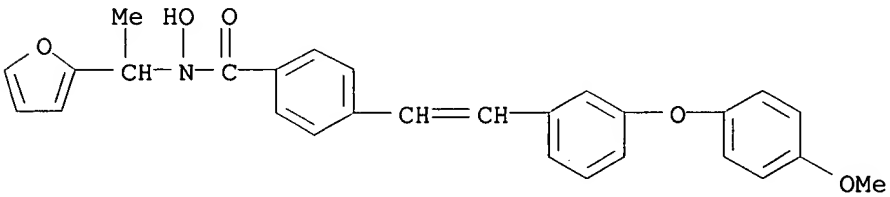
III

AB Hydroxamic acid derivs. [I; R1 = Ph, aryloxyphenyl, Q; wherein R3= aryl or aryl-C1-4 alkyl; L = C1-8 alkylene, C2-8 alkenylene, (CH2)mO (wherein m = an integer 0-4), CO; n = 0 or 1; R2 = H, C1-4 alkyl, aryl-C1-4 alkyl; M = H, alkanoyl, alkoxycarbonyl, a medicinally acceptable cation], having the effect of suppressing smooth muscle fiber growth and useful as vascular wall thickening preventives, post-percutaneous transluminal coronary angioplasty (PTCA) restenosis preventives, and even antiarteriosclerotic agents, are prepd. Thus, cinnamic acid deriv. (II; R = OH) was stirred with oxalyl chloride and DMF in CH2Cl2 for 2h and the reaction soln. was added dropwise to a soln. of N-methylhydroxylamine hydrochloride and Et3N in aq. THF, followed by stirring the resulting mixt. at room temp. for 2 h to give 62.3% N-hydroxy-p-piperazinylmethylcinnamamide II (R = NMeOH). This compd. and N-hydroxybenzamide deriv. (III) in vitro showed IC50 of 2.0 .times. 10-7 mol for specifically inhibiting the proliferation of smooth muscle cells of a rat thoracic aorta.

IT **170429-85-3P 170429-86-4P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of hydroxamic acid deriv. for inhibiting proliferation of smooth muscle cells)

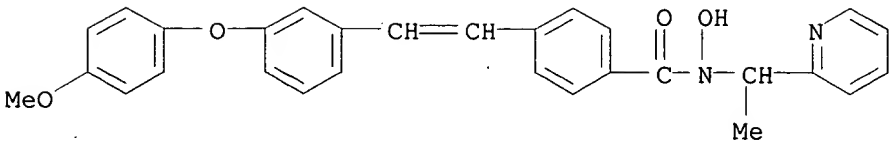
RN 170429-85-3 CAPLUS

CN Benzamide, N-[1-(2-furanyl)ethyl]-N-hydroxy-4-[2-[3-(4-methoxyphenoxy)phenyl]ethenyl]- (9CI) (CA INDEX NAME)



RN 170429-86-4 CAPLUS

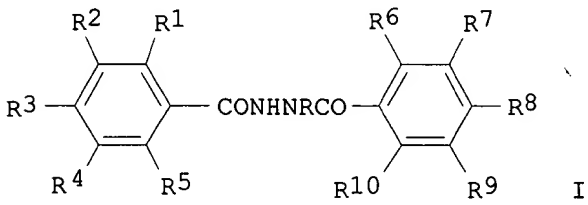
CN Benzamide, N-hydroxy-4-[2-[3-(4-methoxyphenoxy)phenyl]ethenyl]-N-[1-(2-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)



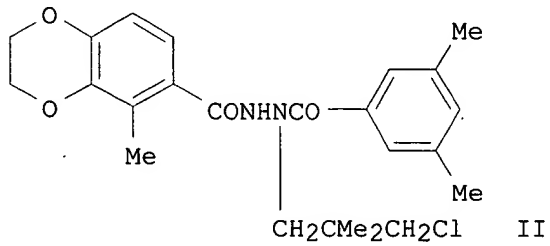
L8 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1995:119541 CAPLUS
DOCUMENT NUMBER: 122:132773
TITLE: Preparation of N,N'-dibenzoylhydrazine derivatives as insecticides
INVENTOR(S): Yanaki, Toshiaki; Tsukamoto, Yoshihisa; Sawada, Yoshihiro; Yokoi, Shinji; Sugizaki, Hiroyasu; Yanagi, Mikio; Watabe, Tetsuo; Masui, Akio
PATENT ASSIGNEE(S): Sankyo Co., Japan; Nippon Kayaku K. K.
SOURCE: Jpn. Kokai Tokkyo Koho, 51 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 06184076	A2	19940705	JP 1992-336376	19921216
JP 3298954	B2	20020708		

PRIORITY APPLN. INFO.: JP 1992-336376 19921216
OTHER SOURCE(S): MARPAT 122:132773
GI



I



II

AB The title compds. [I; R = (un)substituted C1-6 alkyl, C2-8 haloalkenyl, 4- to 10-membered heterocyclyl, or 8- to 14-membered fused polycyclic hydrocarbyl; R1 - R5, R6 - R10 = H, halo, C1-6 (halo)alkyl or (halo)alkoxy, Ph, C1-6 alkoxy-C1-6 alkyl, C1-6 alkoxy-C1-6 alkoxy, C2-6 alkenyl or alkynyl, cyano, NO2, OH, PhO, CO2H, C1-6 alkoxycarbonyl or alkylcarbonyl, (un)substituted NR11R12, S(O)mR11; R1, R12 = H, C1-6 alkyl, Ph; two adjacent groups in R1 - R5 or R6 - R10 forms ACR13R14CR15R16 or ACR13R14B; A, B = O, S, CH2; R13 - R16 = H, halo, C1-4 alkyl or alkoxy] are prepd. I are useful as insecticides for paddy field, upland, or

orchard, forest, or in environmental sanitation, and also used as anthelmintics for protecting humans and animals against parasites. Thus, N-(5-methyl-1,4-benzodioxane-6-carbonyl)hydrazine was condensed with 3-chloro-2,2-dimethylpropionaldehyde in the presence of AcOH in DMF and then reduced with NaBH3CN in MeCN at room temp. to give N-(5-methyl-1,4-benzodioxane-6-carbonyl)-N'-(3-chloro-2,2-dimethylpropyl)hydrazine which was acylated by 3,5-dimethylbenzoyl chloride in CH2Cl2 contg. Et3N at room temp. to give title compd. (II). Cabbage leaves dipped in 400 ppm soln. of I killed 100% Plutella xylostella konaga larvae.

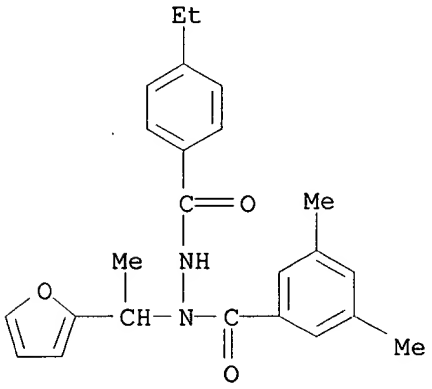
IT **158505-68-1P 158505-79-4P 158505-81-8P 158505-82-9P 158505-83-0P**

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PUR (Purification or recovery); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of N,N'-dibenzoylhydrazine derivs. as insecticides)

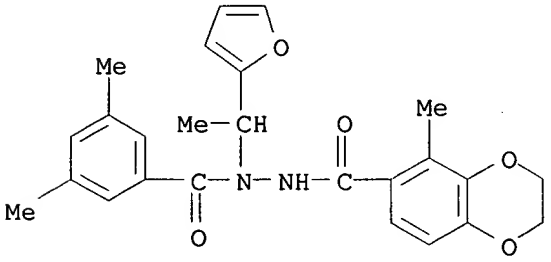
RN 158505-68-1 CAPLUS

CN Benzoic acid, 3,5-dimethyl-, 2-(4-ethylbenzoyl)-1-[1-(2-furanyl)ethyl]hydrazide (9CI) (CA INDEX NAME)



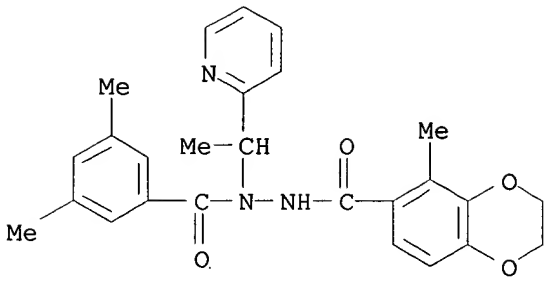
RN 158505-79-4 CAPLUS

CN 1,4-Benzodioxin-6-carboxylic acid, 2,3-dihydro-5-methyl-, 2-(3,5-dimethylbenzoyl)-2-[1-(2-furanyl)ethyl]hydrazide (9CI) (CA INDEX NAME)

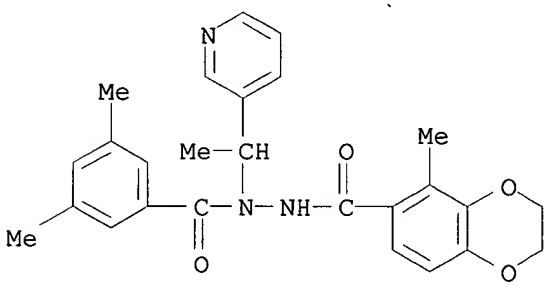


RN 158505-81-8 CAPLUS

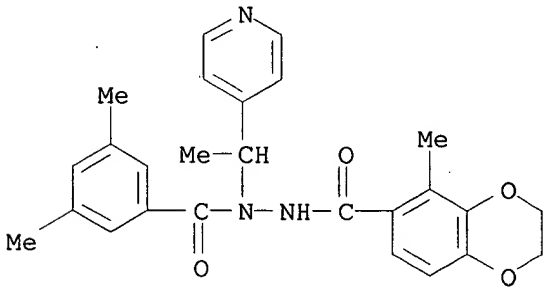
CN 1,4-Benzodioxin-6-carboxylic acid, 2,3-dihydro-5-methyl-, 2-(3,5-dimethylbenzoyl)-2-[1-(2-pyridinyl)ethyl]hydrazide (9CI) (CA INDEX NAME)



RN 158505-82-9 CAPLUS
CN 1,4-Benzodioxin-6-carboxylic acid, 2,3-dihydro-5-methyl-, 2-(3,5-dimethylbenzoyl)-2-[1-(3-pyridinyl)ethyl]hydrazide (9CI) (CA INDEX NAME)



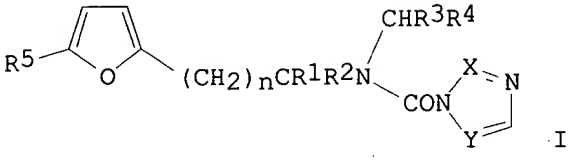
RN 158505-83-0 CAPLUS
CN 1,4-Benzodioxin-6-carboxylic acid, 2,3-dihydro-5-methyl-, 2-(3,5-dimethylbenzoyl)-2-[1-(4-pyridinyl)ethyl]hydrazide (9CI) (CA INDEX NAME)



L8 ANSWER 11 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1990:510915 CAPLUS
DOCUMENT NUMBER: 113:110915
TITLE: Preparation of azoles as agrochemical microbicides.
INVENTOR(S): Sugiura, Hisao; Nishimura, Takashi; Tanaka, Toshifusa
PATENT ASSIGNEE(S): Ube Industries, Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 02085282	A2	19900326	JP 1988-236252	19880922

PRIORITY APPLN. INFO.: JP 1988-236252 19880922
OTHER SOURCE(S): MARPAT 113:110915
GI

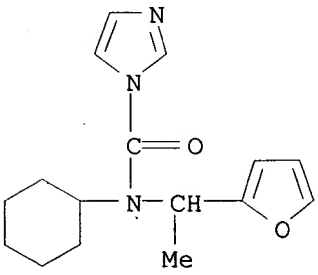


I

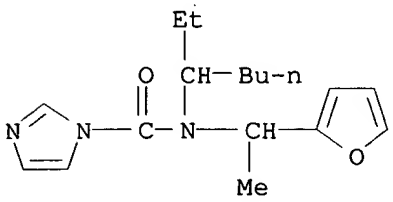
AB Agrochem. microbicides contain azoles I (R1-3, R5 = H, lower alkyl; R4 = alkyl, alkenyl, alkoxyalkyl, alkenyloxyalkyl; R3R4 = alkylene; X, Y = CH, N; n = 0-3) as active ingredients. A soln. of 2.1 g N-(1-ethyloctyl)-N-furfurylcarbamoyl chloride in toluene was treated with 0.5 g imidazole and Et3N at 50.degree. for 2 h to give 2.1 g I (R1 = R2 = R5 = H, R3 = Et, R4 = heptyl, X = CH, Y = N, n = 0), which at 50 ppm totally controlled Sphaerotheca fuliginea with no damage on cucumber, vs. 75% control, for quinomethionate.

IT **129011-12-7P 129011-19-4P**
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of, as agrochem. microbicide)

RN 129011-12-7 CAPLUS
CN 1H-Imidazole-1-carboxamide, N-cyclohexyl-N-[1-(2-furanyl)ethyl]- (9CI) (CA INDEX NAME)



RN 129011-19-4 CAPLUS
CN 1H-Imidazole-1-carboxamide, N-(1-ethylpentyl)-N-[1-(2-furanyl)ethyl]- (9CI) (CA INDEX NAME)



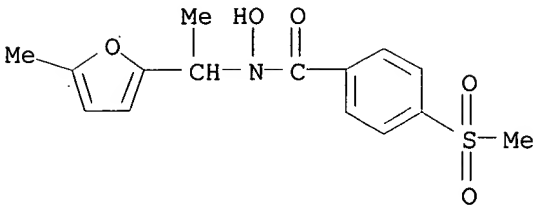
L8 ANSWER 12 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1989:614382 CAPLUS
DOCUMENT NUMBER: 111:214382
TITLE: Preparation of N-hydroxy-N-(furylalkyl)ureas and analogs as lipoxygenase inhibitors
INVENTOR(S): Summers, James B.; Gunn, Bruce P.; Brooks, Dee W.; Holms, James H.
PATENT ASSIGNEE(S): Abbott Laboratories, USA
SOURCE: PCT Int. Appl., 71 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 8904299	A1	19890518	WO 1988-US4048	19881114
W: AU, JP, KR, US				
RW: BE, CH, DE, FR, GB, IT, NL, SE				
CA 1334975	A1	19950328	CA 1988-582806	19881110
AU 8928035	A1	19890601	AU 1989-28035	19881114
AU 614807	B2	19910912		
EP 320628	A1	19890621	EP 1988-118921	19881114
EP 320628	B1	19970115		
R: ES, GR				
EP 388429	A1	19900926	EP 1989-900094	19881114
R: BE, CH, DE, FR, GB, IT, LI, NL, SE				
JP 03500887	T2	19910228	JP 1989-500207	19881114
JP 2545145	B2	19961016		
JP 2545145	B2	19961016	JP 1988-500207	19881114
KR 9705906	B1	19970422	KR 1989-71315	19890713
US 5112848	A	19920512	US 1990-487982	19900419

PRIORITY APPLN. INFO.: US 1987-119926 A2 19871113
US 1987-119929 A 19871113
WO 1988-US4048 A 19881114

OTHER SOURCE(S): MARPAT 111:214382
GI For diagram(s), see printed CA Issue.
AB The title compds. [I; A = C1-6 alkylene, C2-6 alkenylene; M = H, pharmaceutically acceptable cation, aroyl, C1-12 alkanoyl; R1 = H, C1-4 alkyl, C2-4 alkenyl, NR2R3; R2, R3 = H, C1-4 alkyl, OH, (un)substituted aryl; R2 .noteq. R3 = OH; X = O, NR4; R4 = H, C1-6 alkyl, C1-6 alkanoyl, aralkyl aroyl; Y = H, halo, OH, cyano, etc.; n = 0-3] were prepd. for use against asthma, allergy, arthritis, psoriasis, and inflammation. Thus, 2-phenylfuran (prepn. given) was stirred 30 min with BuLi and then 1 h at -20.degree. and 2 h at room temp. with MeCON(OMe)Me to give II (R = COMe) which was converted to II [R = C(:NOH)Me]. The latter was reduced to II (R = CHMeNHOH) which was condensed with Me3SiNCO to give title compd. III which gave 96% inhibition of leukotriene biosynthesis in rats receiving 200 .mu.mol/kg orally.
IT **123606-42-8P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of, as leukotriene inhibitor)
RN 123606-42-8 CAPLUS
CN Benzamide, N-hydroxy-N-[1-(5-methyl-2-furanyl)ethyl]-4-(methylsulfonyl)-(9CI) (CA INDEX NAME)

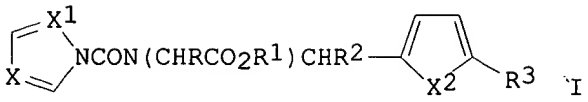


L8 ANSWER 13 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1984:22663 CAPLUS
DOCUMENT NUMBER: 100:22663
TITLE: N,N-Substituted azolecarboxamide derivatives and agricultural and horticultural fungicidal or nematicidal compositions containing them as active ingredients
INVENTOR(S): Yoshida, Hiroshi; Koike, Kengo; Shimano, Shizo; Nakagawa, Taizuo; Ohmori, Kaoru
PATENT ASSIGNEE(S): Nippon Kayaku Co., Ltd. , Japan
SOURCE: Eur. Pat. Appl., 48 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

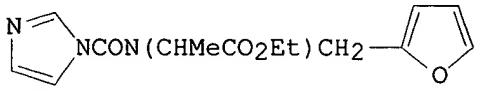
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 88380	A2	19830914	EP 1983-102095	19830303
EP 88380	A3	19850109		
EP 88380	B1	19861112		
R: AT, BE, CH, DE, FR, GB, IT, LI, NL, SE				
JP 58150590	A2	19830907	JP 1982-33040	19820304
JP 01023470	B4	19890502		
JP 59025304	A2	19840209	JP 1982-132023	19820730
JP 59134791	A2	19840802	JP 1983-6691	19830120
AU 8311615	A1	19830908	AU 1983-11615	19830217
AU 553831	B2	19860731		
ZA 8301118	A	19831026	ZA 1983-1118	19830218
IL 67975	A1	19860731	IL 1983-67975	19830222
DK 8300843	A	19830905	DK 1983-843	19830224
CA 1194485	A1	19851001	CA 1983-422319	19830224
BR 8300971	A	19831116	BR 1983-971	19830228
HU 31975	O	19840628	HU 1983-733	19830303
HU 190582	B	19860929		
US 4500536	A	19850219	US 1983-471963	19830303
AT 23529	E	19861115	AT 1983-102095	19830303
ES 520293	A1	19841001	ES 1983-520293	19830304
CS 241520	B2	19860313	CS 1983-1531	19830304

PRIORITY APPLN. INFO.:
JP 1982-33040 19820304
JP 1982-132023 19820730
JP 1983-6691 19830120
EP 1983-102095 19830303

GI



I



II

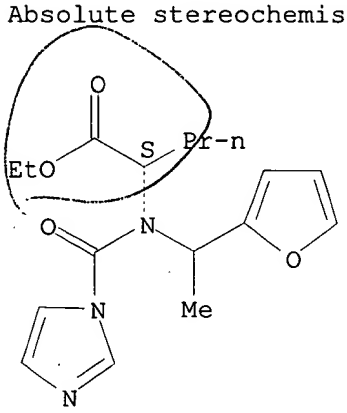
AB Azolecarboxamides I (R = H, Me, Et, Pr; R1 = alkyl; R2, R3 = H, Me; X, X1 = CH, N; X2 = O, S) were prepd. Thus imidazole was treated with ClCO2CCl3 and R4NHCHMeCO2Et (R4 = 2-furyl) to give azolecarboxamide II. At 250 ppm II gave complete control of Sphaerotheca fuliginea on cucumber. II was also a nematocide.

IT **88236-62-8P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 88236-62-8 CAPLUS

CN L-Norvaline, N-[1-(2-furanyl)ethyl]-N-(1H-imidazol-1-ylcarbonyl)-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L8 ANSWER 14 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1981:568016 CAPLUS

DOCUMENT NUMBER: 95:168016

TITLE: Mechanism of direct side-chain acylamination and aminoarylation of 2- and 4-picoline 1-oxides

AUTHOR(S): Abramovitch, Rudolph A.; Abramovitch, Dorota A.; Tomasik, Piotr

CORPORATE SOURCE: Dep. Chem. Geol., Clemson Univ., Clemson, SC, 29631, USA

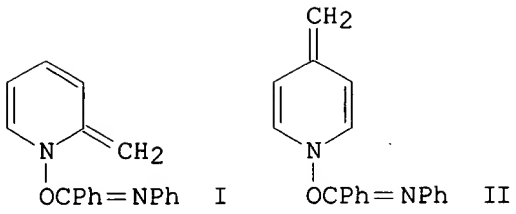
SOURCE: Journal of the Chemical Society, Chemical Communications (1981), (11), 561-2
CODEN: JCCCAT; ISSN: 0022-4936

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 95:168016

GI

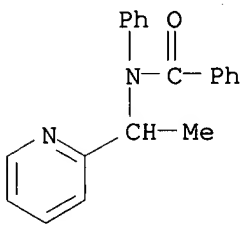


AB The isolation of radical coupling products and the observation of appropriate CINDP signals suggest that most of the title reactions proceed by homolysis of anhydro bases such as I and II (derived from 2- and 4-picoline 1-oxide resp. and N-phenylbenzimidoyl chloride) followed by radical recombinations. A diaza-oxy-Cope rearrangement may still account for the formation of .alpha.-acylamination products.

IT **79249-69-7P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 79249-69-7 CAPLUS

CN Benzamide, N-phenyl-N-[1-(2-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)



L8 ANSWER 15 OF 23 USPATFULL on STN

ACCESSION NUMBER:	2003:258396 USPATFULL
TITLE:	Methods and compositions for the treatment of pain
INVENTOR(S):	Urbanek, Rebecca Ann, Wilmington, DE, UNITED STATES Bare, Thomas Michael, Westr Chester, PA, UNITED STATES Brown, Dean Gordon, Wilmington, DE, UNITED STATES Xiao, Wenhua, Montreal, CANADA Steelman, Gary Banks, Wilmington, DE, UNITED STATES Murphy, Megan, Wilmington, DE, UNITED STATES Horchler, Carey Lynn, Wilmington, DE, UNITED STATES

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2003181449	A1	20030925	
APPLICATION INFO.:	US 2003-168761	A1	20030224	(10)
	WO 2000-SE2607		20001219	

DOCUMENT TYPE:	Utility
FILE SEGMENT:	APPLICATION
LEGAL REPRESENTATIVE:	ASTRA ZENECA PHARMACEUTICALS LP, GLOBAL INTELLECTUAL PROPERTY, 1800 CONCORD PIKE, WILMINGTON, DE, 19850-5437
NUMBER OF CLAIMS:	7
EXEMPLARY CLAIM:	1
LINE COUNT:	1914

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A method for the treatment of pain is disclosed comprising administration of a pain-ameliorating effective amount of any compound according to structural diagram I; ##STR1##

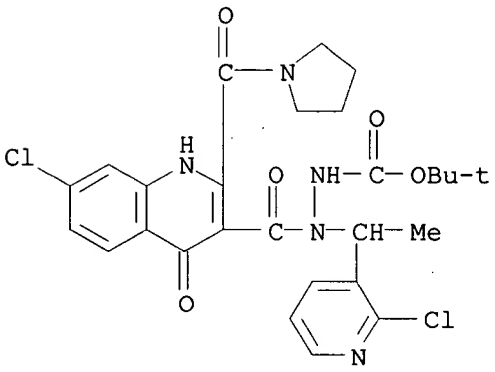
wherein A, D and R.sup.1 are as defined in the specification. Also disclosed are pharmaceutical compositions comprising a pain-ameliorating effective amount of a compound in accord with structural diagram I.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT **349112-16-9**
(prepn. of 1,2,5,10-tetrahydropyridazino[4,5-b]quinoline-1,10-diones for the treatment of pain)

RN 349112-16-9 USPATFULL

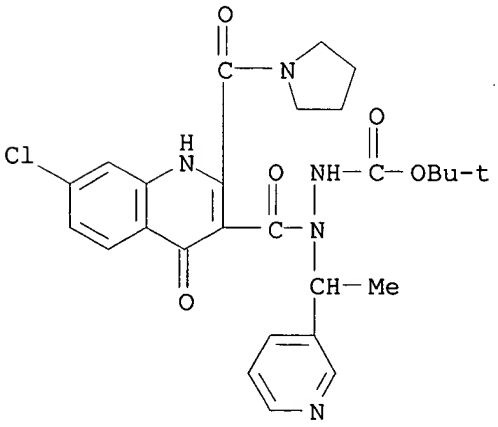
CN 3-Quinolinecarboxylic acid, 7-chloro-1,4-dihydro-4-oxo-2-(1-pyrrolidinylcarbonyl)-, 1-[1-(2-chloro-3-pyridinyl)ethyl]-2-[(1,1-dimethylethoxy)carbonyl]hydrazide (9CI) (CA INDEX NAME)



IT **349112-00-1P 349112-02-3P 349112-15-8P**
(prepn. of 1,2,5,10-tetrahydropyridazino[4,5-b]quinoline-1,10-diones for the treatment of pain)

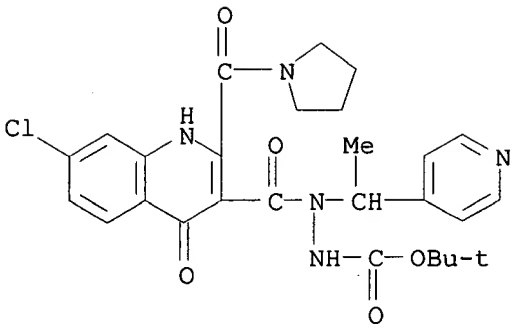
RN 349112-00-1 USPATFULL

CN 3-Quinolinecarboxylic acid, 7-chloro-1,4-dihydro-4-oxo-2-(1-pyrrolidinylcarbonyl)-, 2-[(1,1-dimethylethoxy)carbonyl]-1-[1-(3-pyridinyl)ethyl]hydrazide (9CI) (CA INDEX NAME)

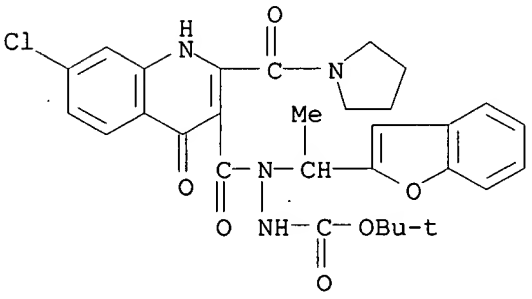


RN 349112-02-3 USPATFULL

CN 3-Quinolinecarboxylic acid, 7-chloro-1,4-dihydro-4-oxo-2-(1-pyrrolidinylcarbonyl)-, 2-[(1,1-dimethylethoxy)carbonyl]-1-[1-(4-pyridinyl)ethyl]hydrazide (9CI) (CA INDEX NAME)



RN 349112-15-8 USPATFULL
CN 3-Quinolinecarboxylic acid, 7-chloro-1,4-dihydro-4-oxo-2-(1-pyrrolidinylcarbonyl)-, 1-[1-(2-benzofuranyl)ethyl]-2-[(1,1-dimethylethoxy)carbonyl]hydrazide (9CI) (CA INDEX NAME)



L8 ANSWER 16 OF 23 USPATFULL on STN
ACCESSION NUMBER: 2003:251646 USPATFULL
TITLE: Compounds and methods for the treatment of pain
INVENTOR(S): Brown, Dean Gordon, Wilmington, DE, UNITED STATES
Xiao, Wenhua, Saint-Laurent, CANADA
Urbanek, Rebecca Ann, Wilmington, DE, UNITED STATES
Murphy, Megan, Wilmington, DE, UNITED STATES
Bare, Thomas Michael, West Chester, PA, UNITED STATES

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2003176435	A1	20030918	
APPLICATION INFO.:	US 2002-168474	A1	20021217	(10)
	WO 2000-SE2606		20001219	

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: ASTRA ZENECA PHARMACEUTICALS LP, GLOBAL INTELLECTUAL PROPERTY, 1800 CONCORD PIKE, WILMINGTON, DE, 19850-5437
NUMBER OF CLAIMS: 7
EXEMPLARY CLAIM: 1
LINE COUNT: 1083
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Compounds useful for the treatment of pain in accord with structural diagram I, ##STR1##

or tautomers or pharmaceutically-acceptable salts of such compounds, wherein A, D and R.sup.1 are as disclosed in the specification. Also disclosed are methods for the treatment of pain using compounds

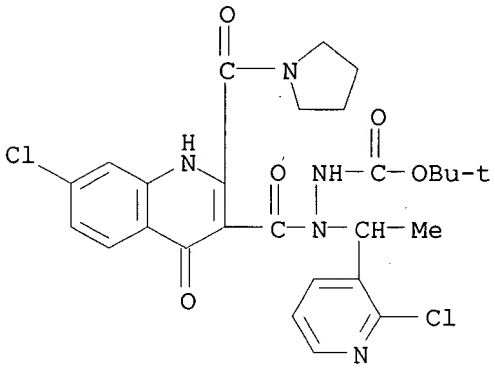
according to structural diagram I and pharmaceutical compositions comprising compounds according to structural diagram I.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT **349112-16-9**
(prepn. of 1,2,5,10-tetrahydropyridazino[4,5-b]quinoline-1,10-diones for the treatment of pain)

RN 349112-16-9 USPATFULL

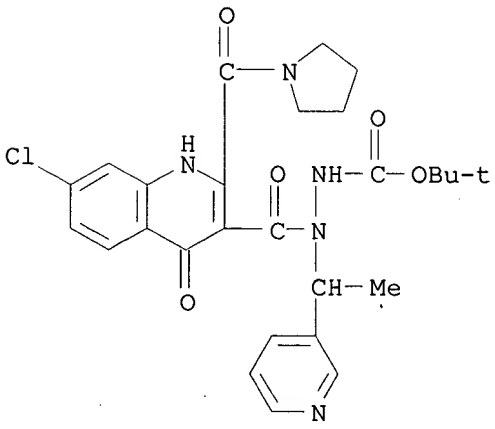
CN 3-Quinolinecarboxylic acid, 7-chloro-1,4-dihydro-4-oxo-2-(1-pyrrolidinylcarbonyl)-, 1-[1-(2-chloro-3-pyridinyl)ethyl]-2-[(1,1-dimethylethoxy)carbonyl]hydrazide (9CI) (CA INDEX NAME)



IT **349112-00-1P 349112-02-3P 349112-15-8P**
(prepn. of 1,2,5,10-tetrahydropyridazino[4,5-b]quinoline-1,10-diones for the treatment of pain)

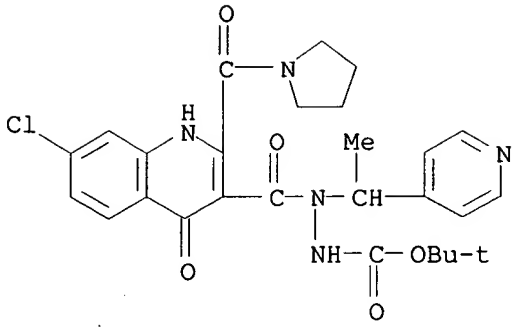
RN 349112-00-1 USPATFULL

CN 3-Quinolinecarboxylic acid, 7-chloro-1,4-dihydro-4-oxo-2-(1-pyrrolidinylcarbonyl)-, 2-[(1,1-dimethylethoxy)carbonyl]-1-[1-(3-pyridinyl)ethyl]hydrazide (9CI) (CA INDEX NAME)

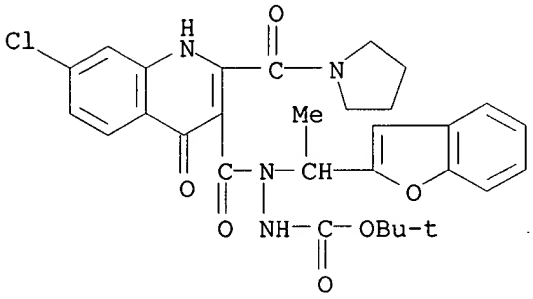


RN 349112-02-3 USPATFULL

CN 3-Quinolinecarboxylic acid, 7-chloro-1,4-dihydro-4-oxo-2-(1-pyrrolidinylcarbonyl)-, 2-[(1,1-dimethylethoxy)carbonyl]-1-[1-(4-pyridinyl)ethyl]hydrazide (9CI) (CA INDEX NAME)



RN 349112-15-8 USPATFULL
CN 3-Quinolinecarboxylic acid, 7-chloro-1,4-dihydro-4-oxo-2-(1-pyrrolidinylcarbonyl)-, 1-[1-(2-benzofuranyl)ethyl]-2-[(1,1-dimethylethoxy)carbonyl]hydrazide (9CI) (CA INDEX NAME)



L8 ANSWER 17 OF 23 USPATFULL on STN

ACCESSION NUMBER:	2003:232582 USPATFULL
TITLE:	Method and composition for the treatment of pain
INVENTOR(S):	Alford, Vernon, Lawrenceville, NJ, UNITED STATES Bare, Thomas Michael, West Chester, PA, UNITED STATES Brown, Dean Gordon, Wilmington, DE, UNITED STATES McLaren, Frances Marie, Wilmington, DE, UNITED STATES Murphy, Megan, Wilmington, DE, UNITED STATES Urbanek, Rebecca Ann, Wilmington, DE, UNITED STATES Xiao, Wenhua, Montreal, CANADA

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2003162783	A1	20030828	
APPLICATION INFO.:	US 2003-168745	A1	20030128	(10)
	WO 2000-SE2605		20001219	

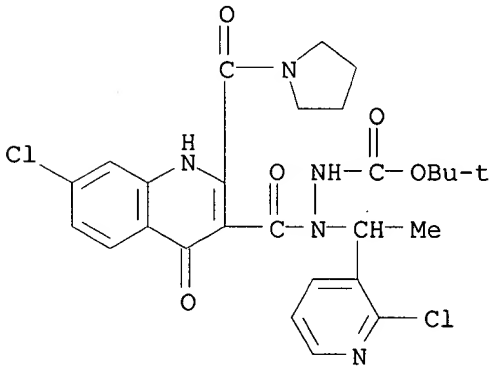
	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-60171906	19991223
	US 2000-60236835	20000929

DOCUMENT TYPE:	Utility
FILE SEGMENT:	APPLICATION
LEGAL REPRESENTATIVE:	ASTRA ZENECA PHARMACEUTICALS LP, GLOBAL INTELLECTUAL PROPERTY, 1800 CONCORD PIKE, WILMINGTON, DE, 19850-5437
NUMBER OF CLAIMS:	6
EXEMPLARY CLAIM:	1
LINE COUNT:	1342

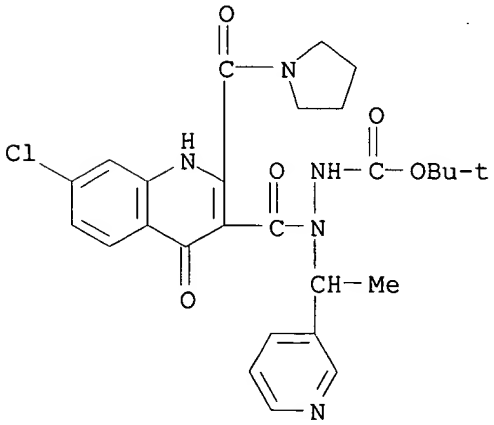
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A method for the treatment of pain is disclosed comprising administration of a pain-ameliorating effective amount of any compound according to structural diagram I; ##STR1##

wherein: A, D and R.sup.1 are as defined in the specification. Also disclosed are pharmaceutical compositions comprising a pain-ameliorating effective amount of a compound in accord with structural diagram I.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT **349112-16-9**
(prepn. of 1,2,5,10-tetrahydropyridazino[4,5-b]quinoline-1,10-diones for the treatment of pain)
RN 349112-16-9 USPATFULL
CN 3-Quinolinecarboxylic acid, 7-chloro-1,4-dihydro-4-oxo-2-(1-pyrrolidinylcarbonyl)-, 1-[1-(2-chloro-3-pyridinyl)ethyl]-2-[(1,1-dimethylethoxy)carbonyl]hydrazide (9CI) (CA INDEX NAME)

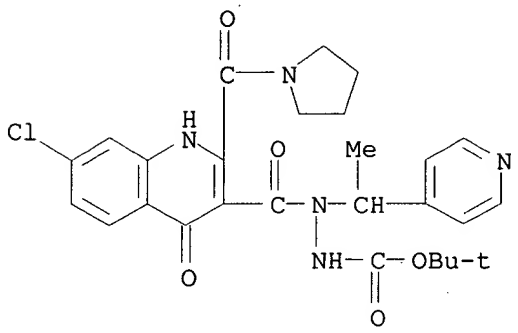


IT **349112-00-1P 349112-02-3P 349112-15-8P**
(prepn. of 1,2,5,10-tetrahydropyridazino[4,5-b]quinoline-1,10-diones for the treatment of pain)
RN 349112-00-1 USPATFULL
CN 3-Quinolinecarboxylic acid, 7-chloro-1,4-dihydro-4-oxo-2-(1-pyrrolidinylcarbonyl)-, 2-[(1,1-dimethylethoxy)carbonyl]-1-[1-(3-pyridinyl)ethyl]hydrazide (9CI) (CA INDEX NAME)

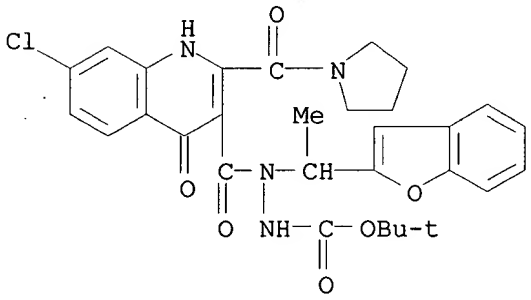


RN 349112-02-3 USPATFULL
CN 3-Quinolinecarboxylic acid, 7-chloro-1,4-dihydro-4-oxo-2-(1-pyrrolidinylcarbonyl)-, 2-[(1,1-dimethylethoxy)carbonyl]-1-[1-(4-

pyridinyl)ethyl]hydrazide (9CI) (CA INDEX NAME)



RN 349112-15-8 USPATFULL
CN 3-Quinolinecarboxylic acid, 7-chloro-1,4-dihydro-4-oxo-2-(1-pyrrolidinylcarbonyl)-, 1-[1-(2-benzofuranyl)ethyl]-2-[(1,1-dimethylethoxy)carbonyl]hydrazide (9CI) (CA INDEX NAME)



L8 ANSWER 18 OF 23 USPATFULL on STN
ACCESSION NUMBER: 2003:220281 USPATFULL
TITLE: Compounds and methods for the treatment of pain
INVENTOR(S): Murphy, Megan, Wilmington, DE, UNITED STATES
Urbanek, Rebecca Ann, Wilmington, DE, UNITED STATES
Xiao, Wenhua, Montreal, CANADA
Steelman, Gary Banks, Wilmington, DE, UNITED STATES
Brown, Dean Gordon, Wilmington, DE, UNITED STATES
Bare, Thomas Michael, West Chester, PA, UNITED STATES

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2003153572	A1	20030814	
APPLICATION INFO.:	US 2003-168762	A1	20030212	(10)
	WO 2000-SE2609		20001219	

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: ASTRA ZENECA PHARMACEUTICALS LP, GLOBAL INTELLECTUAL PROPERTY, 1800 CONCORD PIKE, WILMINGTON, DE, 19850-5437
NUMBER OF CLAIMS: 10
EXEMPLARY CLAIM: 1
LINE COUNT: 942
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Compounds according to structural diagram I are disclosed; ##STR1##

wherein R.sup.1, A and D are as defined in the specification. Also

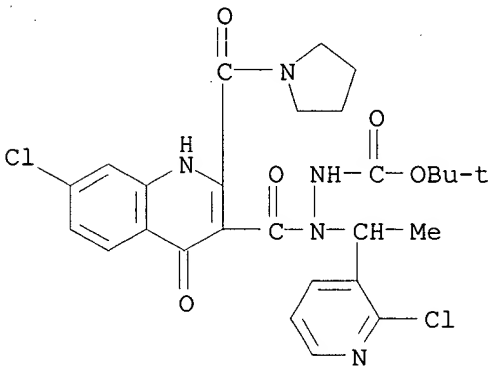
disclosed are methods for treating pain comprising administration of a pain-ameliorating effective amount of a compound in accord with structural diagram I and pharmaceutical compositions comprising a pain-ameliorating effective amount of a compound in accord with structural diagram I.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT **349112-16-9**
(prepn. of 1,2,5,10-tetrahydropyridazino[4,5-b]quinoline-1,10-diones for the treatment of pain)

RN 349112-16-9 USPATFULL

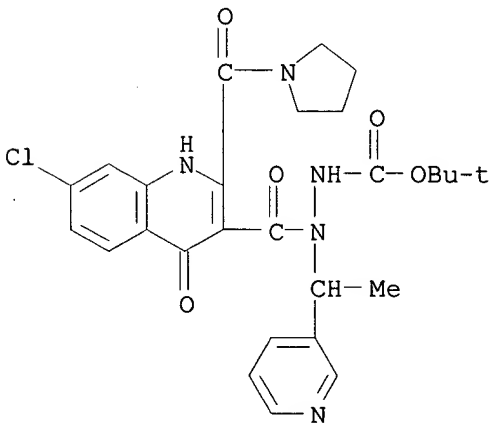
CN 3-Quinolinecarboxylic acid, 7-chloro-1,4-dihydro-4-oxo-2-(1-pyrrolidinylcarbonyl)-, 1-[1-(2-chloro-3-pyridinyl)ethyl]-2-[(1,1-dimethylethoxy)carbonyl]hydrazide (9CI) (CA INDEX NAME)



IT **349112-00-1P 349112-02-3P 349112-15-8P**
(prepn. of 1,2,5,10-tetrahydropyridazino[4,5-b]quinoline-1,10-diones for the treatment of pain)

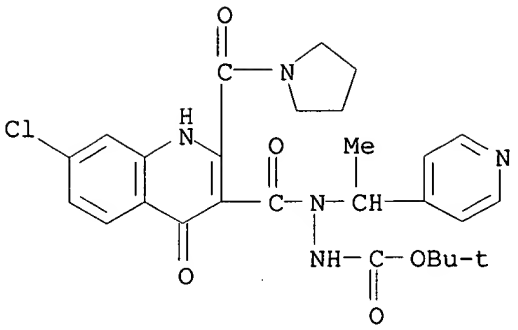
RN 349112-00-1 USPATFULL

CN 3-Quinolinecarboxylic acid, 7-chloro-1,4-dihydro-4-oxo-2-(1-pyrrolidinylcarbonyl)-, 2-[(1,1-dimethylethoxy)carbonyl]-1-[1-(3-pyridinyl)ethyl]hydrazide (9CI) (CA INDEX NAME)

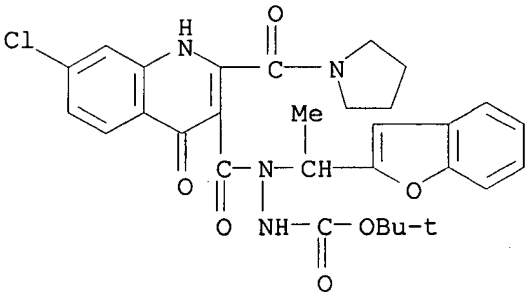


RN 349112-02-3 USPATFULL

CN 3-Quinolinecarboxylic acid, 7-chloro-1,4-dihydro-4-oxo-2-(1-pyrrolidinylcarbonyl)-, 2-[(1,1-dimethylethoxy)carbonyl]-1-[1-(4-pyridinyl)ethyl]hydrazide (9CI) (CA INDEX NAME)



RN 349112-15-8 USPATFULL
CN 3-Quinolinecarboxylic acid, 7-chloro-1,4-dihydro-4-oxo-2-(1-pyrrolidinylcarbonyl)-, 1-[1-(2-benzofuranyl)ethyl]-2-[(1,1-dimethylethoxy)carbonyl]hydrazide (9CI) (CA INDEX NAME)



L8 ANSWER 19 OF 23 USPATFULL on STN
ACCESSION NUMBER: 2003:220280 USPATFULL
TITLE: Method and composition for the treatment of pain
INVENTOR(S): Brown, Dean Gordon, Wilmington, DE, UNITED STATES
Bare, Thomas Michael, West Chester, PA, UNITED STATES
Murphy, Megan, Wilmington, DE, UNITED STATES
Urbanek, Rebecca Ann, Wilmington, DE, UNITED STATES
Xiao, Wenhua, Montreal, CANADA
McLaren, Marie Frances, Wilmington, GERMANY, FEDERAL REPUBLIC OF
Horchler, Carey Lynn, Wilmington, DE, UNITED STATES

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2003153571	A1	20030814	
APPLICATION INFO.:	US 2002-168757	A1	20021217	(10)
	WO 2000-SE2608		20001219	

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: ASTRA ZENECA PHARMACEUTICALS LP, GLOBAL INTELLECTUAL PROPERTY, 1800 CONCORD PIKE, WILMINGTON, DE, 19850-5437
NUMBER OF CLAIMS: 5
EXEMPLARY CLAIM: 1
LINE COUNT: 1365
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A method for the treatment of pain is disclosed comprising administration of a pain-ameliorating effective amount of any compound according to structural diagram I; ##STR1##

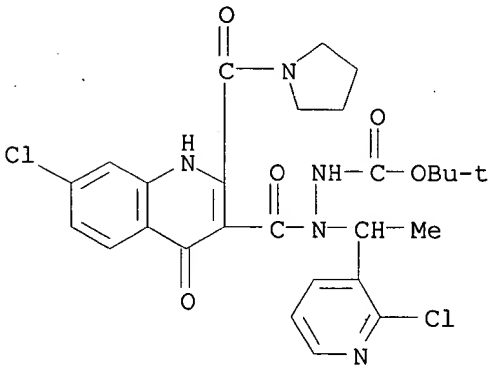
wherein R.sup.1, A and D are as defined in the specification. Also disclosed are pharmaceutical compositions comprising a pain-ameliorating effective amount of a compound in accord with structural diagram I.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT **349112-16-9**
(prepn. of 1,2,5,10-tetrahydropyridazino[4,5-b]quinoline-1,10-diones for the treatment of pain)

RN 349112-16-9 USPATFULL

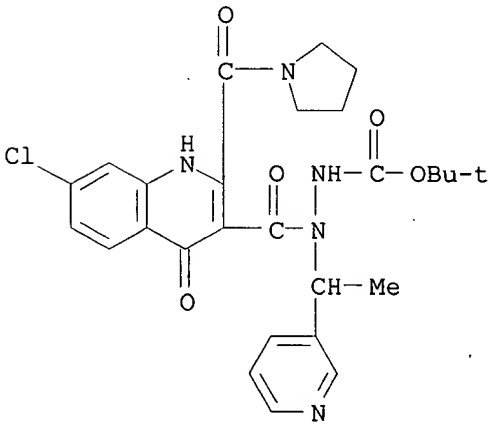
CN 3-Quinolinecarboxylic acid, 7-chloro-1,4-dihydro-4-oxo-2-(1-pyrrolidinylcarbonyl)-, 1-[1-(2-chloro-3-pyridinyl)ethyl]-2-[(1,1-dimethylethoxy)carbonyl]hydrazide (9CI) (CA INDEX NAME)



IT **349112-00-1P 349112-02-3P 349112-15-8P**
(prepn. of 1,2,5,10-tetrahydropyridazino[4,5-b]quinoline-1,10-diones for the treatment of pain)

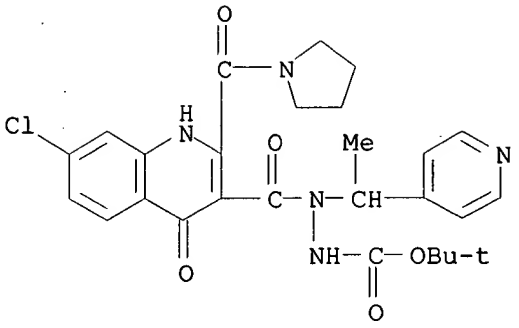
RN 349112-00-1 USPATFULL

CN 3-Quinolinecarboxylic acid, 7-chloro-1,4-dihydro-4-oxo-2-(1-pyrrolidinylcarbonyl)-, 2-[(1,1-dimethylethoxy)carbonyl]-1-[1-(3-pyridinyl)ethyl]hydrazide (9CI) (CA INDEX NAME)

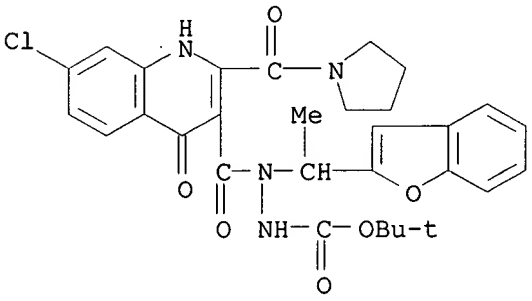


RN 349112-02-3 USPATFULL

CN 3-Quinolinecarboxylic acid, 7-chloro-1,4-dihydro-4-oxo-2-(1-pyrrolidinylcarbonyl)-, 2-[(1,1-dimethylethoxy)carbonyl]-1-[1-(4-pyridinyl)ethyl]hydrazide (9CI) (CA INDEX NAME)



RN 349112-15-8 USPATFULL
CN 3-Quinolinecarboxylic acid, 7-chloro-1,4-dihydro-4-oxo-2-(1-pyrrolidinylcarbonyl)-, 1-[1-(2-benzofuranyl)ethyl]-2-[(1,1-dimethylethoxy)carbonyl]hydrazide (9CI) (CA INDEX NAME)



L8 ANSWER 20 OF 23 USPATFULL on STN
ACCESSION NUMBER: 2003:214399 USPATFULL
TITLE: Compound and method for the treatment of pain
INVENTOR(S): Bare, Thomas Michael, West Chester, PA, UNITED STATES
Brown, Dean Gordon, Wilmington, DE, UNITED STATES
Murphy, Megan, Wilmington, DE, UNITED STATES
Urbanek, Rebecca Ann, Wilmington, DE, UNITED STATES
Xiao, Wenhua, Montreal, CANADA

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2003149042	A1	20030807	
APPLICATION INFO.:	US 2003-168760	A1	20030121	(10)
	WO 2000-SE2611		20001219	

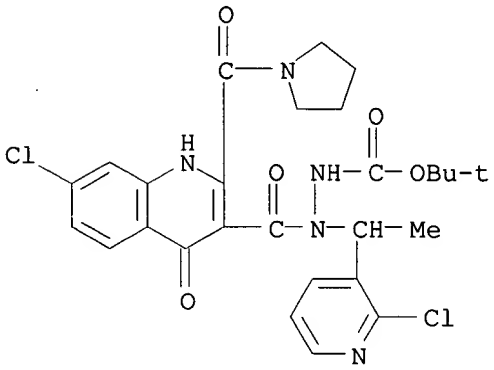
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: ASTRA ZENECA PHARMACEUTICALS LP, GLOBAL INTELLECTUAL PROPERTY, 1800 CONCORD PIKE, WILMINGTON, DE, 19850-5437
NUMBER OF CLAIMS: 6
EXEMPLARY CLAIM: 1
LINE COUNT: 638
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A compound, 7-chloro-4-hydroxy-2-(2-chloro-4-methylphenyl)-1,2,5,10-tetrahydropyridazino[4,5-b]quinoline-1,10-dione, pharmaceutically-acceptable salts thereof, a method for treating pain comprising administration of a pain-ameliorating effective amount of the compound and pharmaceutical compositions containing the compound are disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT **349112-16-9**
(prepn. of 1,2,5,10-tetrahydropyridazino[4,5-b]quinoline-1,10-diones for the treatment of pain)

RN 349112-16-9 USPATFULL

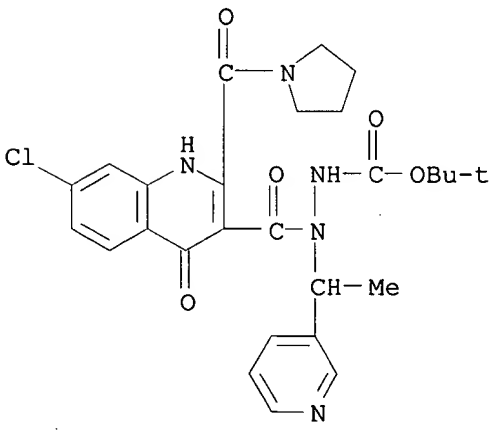
CN 3-Quinolinecarboxylic acid, 7-chloro-1,4-dihydro-4-oxo-2-(1-pyrrolidinylcarbonyl)-, 1-[1-(2-chloro-3-pyridinyl)ethyl]-2-[(1,1-dimethylethoxy)carbonyl]hydrazide (9CI) (CA INDEX NAME)



IT **349112-00-1P 349112-02-3P 349112-15-8P**
(prepn. of 1,2,5,10-tetrahydropyridazino[4,5-b]quinoline-1,10-diones for the treatment of pain)

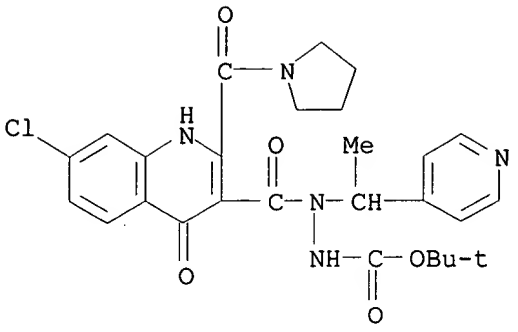
RN 349112-00-1 USPATFULL

CN 3-Quinolinecarboxylic acid, 7-chloro-1,4-dihydro-4-oxo-2-(1-pyrrolidinylcarbonyl)-, 2-[(1,1-dimethylethoxy)carbonyl]-1-[1-(3-pyridinyl)ethyl]hydrazide (9CI) (CA INDEX NAME)

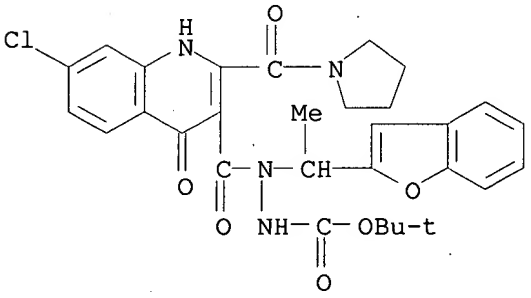


RN 349112-02-3 USPATFULL

CN 3-Quinolinecarboxylic acid, 7-chloro-1,4-dihydro-4-oxo-2-(1-pyrrolidinylcarbonyl)-, 2-[(1,1-dimethylethoxy)carbonyl]-1-[1-(4-pyridinyl)ethyl]hydrazide (9CI) (CA INDEX NAME)



RN 349112-15-8 USPATFULL
CN 3-Quinolinecarboxylic acid, 7-chloro-1,4-dihydro-4-oxo-2-(1-pyrrolidinylcarbonyl)-, 1-[1-(2-benzofuranyl)ethyl]-2-[(1,1-dimethylethoxy)carbonyl]hydrazide (9CI) (CA INDEX NAME)



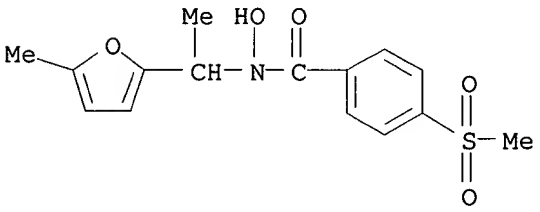
L8 ANSWER 21 OF 23 USPATFULL on STN
ACCESSION NUMBER: 92:38403 USPATFULL
TITLE: Furan and pyrrole containing lipoxygenase inhibiting compounds
INVENTOR(S): Brooks, Dee W., Libertyville, IL, United States
Gunn, Bruce P., Saraland, AL, United States
Holms, James H., Gurnee, IL, United States
Summers, James B., Libertyville, IL, United States
PATENT ASSIGNEE(S): Abbott Laboratories, Abbott Park, IL, United States (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 5112848		19920512	
APPLICATION INFO.:	US 1990-487982		19900419	(7)
	WO 1988-US4048		19881114	
			19900419	PCT 371 date
			19900419	PCT 102(e) date

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Ivy, C. Warren
ASSISTANT EXAMINER: Chang, Celia
LEGAL REPRESENTATIVE: Janssen, Jerry F.
NUMBER OF CLAIMS: 10
EXEMPLARY CLAIM: 1
LINE COUNT: 1626
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Substituted furan and pyrrole compounds which are useful in inhibiting

lipoxygenase enzymes, particularly 5-lipoxygenase.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT **123606-42-8P**
(prepn. of, as leukotriene inhibitor)
RN 123606-42-8 USPATFULL
CN Benzamide, N-hydroxy-N-[1-(5-methyl-2-furanyl)ethyl]-4-(methylsulfonyl)-
(9CI) (CA INDEX NAME)



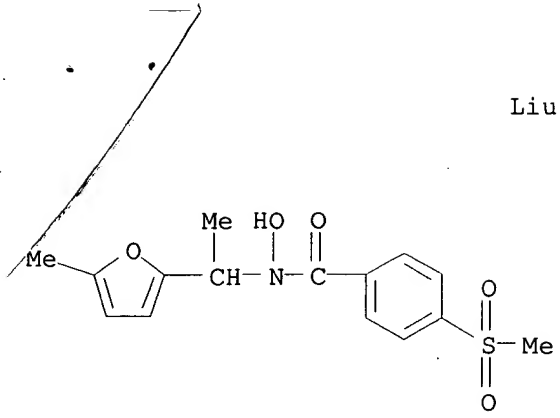
L8 ANSWER 22 OF 23 USPATFULL on STN
ACCESSION NUMBER: 89:63138 USPATFULL
TITLE: Power control device for microwave oven
INVENTOR(S): Sung, Yuhn K., Kyungkido, Korea, Republic of
Bong, Yoo E., Seoul, Korea, Republic of
PATENT ASSIGNEE(S): Sam Sung Electronic Co. Ltd., Suwonsi, Korea, Republic of (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4853501		19890801
APPLICATION INFO.:	US 1987-119929		19871113 (7)

	NUMBER	DATE
PRIORITY INFORMATION:	KR 198647760	19861114

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Scott, J. R.
LEGAL REPRESENTATIVE: Saidman, Sterne, Kessler & Goldstein
NUMBER OF CLAIMS: 6
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 6 Drawing Figure(s); 3 Drawing Page(s)
LINE COUNT: 258
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention relates to a device for power control to the magnetron in a microwave oven. The two timer switches conventionally used for controlling the power to the magnetron may be replaced by a configuration in which only one timer switch is used. The timer switch formerly used for switching between high power mode and low power mode is replaced by a microswitch with accompanying driving mechanism. The microswitch is controlled through action of a continuous pressing element, cam, and a band spring so that the cooking modes can be switched between high and low power mode in a manner equivalent to that of known timer switches.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT **123606-42-8P**
(prepn. of, as leukotriene inhibitor)
RN 123606-42-8 USPATFULL
CN Benzamide, N-hydroxy-N-[1-(5-methyl-2-furanyl)ethyl]-4-(methylsulfonyl)-
(9CI) (CA INDEX NAME)



L8 ANSWER 23 OF 23 USPATFULL on STN

ACCESSION NUMBER:	85:10515 USPATFULL
TITLE:	Derivatives of N,N'-substituted azolecarboxamide and agricultural and horticultural fungicidal or nematicidal composition containing same as active ingredients
INVENTOR(S):	Yoshida, Hiroshi, Urawa, Japan Koike, Kengo, Ageo, Japan Shimano, Shizuo, Ageo, Japan Nakagawa, Taizo, Ageo, Japan Ohmori, Kaoru, Okegawa, Japan
PATENT ASSIGNEE(S):	Nippon Kayaku Kabushiki Kaisha, Tokyo, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 4500536		19850219	
APPLICATION INFO.:	US 1983-471963		19830303	(6)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1982-33040	19820304
	JP 1982-132023	19820730
	JP 1983-6691	19830120

DOCUMENT TYPE:	Utility
FILE SEGMENT:	Granted
PRIMARY EXAMINER:	Jiles, Henry R.
ASSISTANT EXAMINER:	Briscoe, Kurt G.
LEGAL REPRESENTATIVE:	Nields, Henry C.
NUMBER OF CLAIMS:	12
EXEMPLARY CLAIM:	1,11,12
LINE COUNT:	847

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed herein are novel derivatives of N,N-substituted azolecarboxamide represented by the formula (I): ##STR1## wherein R.sub.1 represents a hydrogen atom, methyl group, ethyl group or propyl group; R.sub.2 represents an alkyl group of 1 to 6 carbon atoms; R.sub.3 represents a hydrogen atom or methyl group; A represents a hydrogen atom or methyl group; X and Y represent respectively a carbon atom or a nitrogen atom, provided that when X represents a nitrogen atom, Y represents a nitrogen atom or carbon atom and when X represents a carbon atom, Y represents a nitrogen atom; and Z represents an oxygen atom or sulfur atom, provided that when Z represents a sulfur atom, A represents only a hydrogen atom; and an agricultural or horticultural fungicidal or nematicidal composition containing the novel derivative of the formula (I) as an active ingredient.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

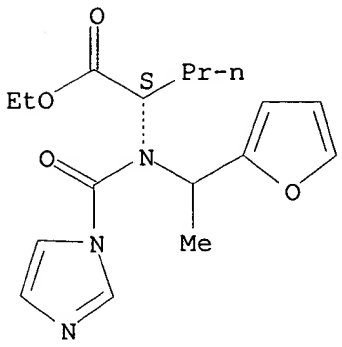
IT **88236-62-8P**
(prepn. of)

RN 88236-62-8 USPATFULL

CN L-Norvaline, N-[1-(2-furanyl)ethyl]-N-(1H-imidazol-1-ylcarbonyl)-, ethyl

ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



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FILE COVERS 1907-1966
FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

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L9 0 L6

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